

KV-C2571D / C2971D

RM-816

SERVICE MANUAL

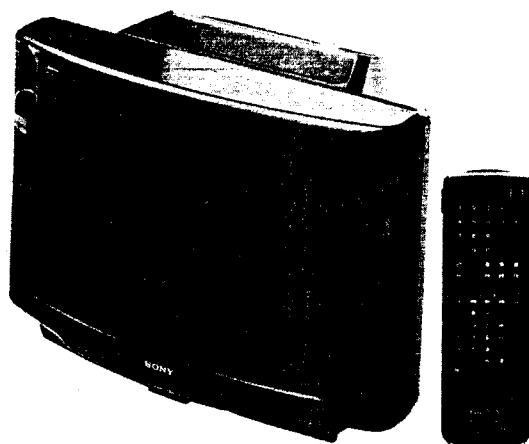
AEP Model

KV-C2571D

Chassis No. SCC-F07G-A

KV-C2971D

Chassis No. SCC-F07H-A



AE-1C CHASSIS

MODELS OF THE SAME SERIES

KV-C2571D/C2971D	KV-X2551D/X2951D
KV-C2161D/C2561D/C2961D	
KV-C2551D/C2951D	

SPECIFICATIONS

【KV-C2571D/KV-C2971D】

Television system B/G/H
Color system PAL, SECAM, NTSC3.58, NTSC4.43
Stereo system GERMAN stereo
Channel coverage VHF: E2-E12 UHF: E21-E69
CABLE TV (1) : S1-S41
CABLE TV (2) : S 01-S 05, M 1-M 10, U 1-U 10

Picture tube HI-Black Trinitron tube
(KV-C 2571 D)
Approx. 63.5 cm (25 inches)
(Approx. 59 cm picture measured diagonally)
110 ° degree deflection
(KV-C 2971 D)
Approx. 72.4 cm (29 inches)
(Approx. 68 cm picture measured diagonally)
110 ° degree deflection

-Continued on next page-



TRINITRON® COLOR TV

SONY®

Inputs / Outputs Terminals

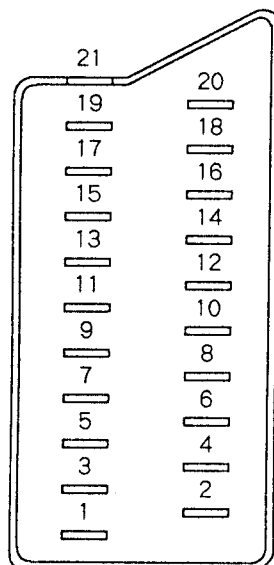
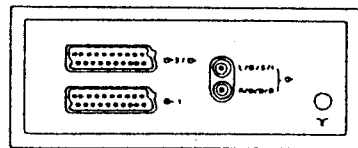
REAR

- 21 pin Euro connector (CENELEC standard)
2/21-pin Euro connector
Audio output(variable)
-Inputs for audio and video signals
-Inputs for RGB
-Outputs of TV video and audio signals
-Inputs for audio and video signals
-Inputs for S-video
-Outputs for video and audio signals (selectable)
-phono jacks

FRONT

- W/G/W/G 1 woofer out 2-pin DIN
Video input phono jack
Audio inputs (L,R) phono jacks
S-video Inputs-4 pin DIN
Headphone jack : stereo mini jack
Sound output 15 W + 15 W + 30 W (Woofer)
Power consumption 103 Wh (KV-C2571 D)
110 Wh (KV-C2971 D)

21 pin connector (1 2/4)



4 Pin connector (4)

Pin No	Signal	Signal level
1	Ground	
2	Ground	
3	Y (S signal) input	1V ± 3dB 75ohm, positive Sync 0.3V ± 3 dB
4	C (S signal) input	0.3V ± 3dB 75ohm, positive

Dimensions

Approx. 720×515×480 mm (w/h/d)
(KV-C2571 D)Approx. 814×576×508 mm (w/h/d)
(KV-C2971 D)

Weight

Approx. 42 kg (KV-C2571 D)

Approx. 56 kg (KV-C2971 D)

Supplied accessories

RM-816 Remote Commander (1)
IEC designation R6 batteries (2)
Woofer

[RM-816]

Remote control system infrared control

Power requirements 3V dc

2 batteries IEC designation
R6 (size AA)

Dimensions

Approx. 75×221×23mm(w/h/d)

Weight

Approx. 230g (including batters)

Accessories supplied

IEC designation R6 batteries (2)

Design and specifications are subject to change without notice.

Pin No	1	2	4	Signal	Signal level
1	○	○	○	Audio output B (right)	Standard level: 0.5Vrms Output impedance: Less than 1kohm *
2	○	○	○	Audio input B (right)	Standard level: 0.5Vrms Input impedance: More than 10kohms *
3	○	○	○	Audio output A (left)	Standard level: 0.5Vrms Output impedance: Less than 1kohm *
4	○	○	○	Ground (audio)	
5	○	○	○	Ground (blue)	
6	○	○	○	Audio input A (left)	Standard level: 0.5Vrms Input impedance: More than 10kohms *
7	○	●	●	Blue input	0.7 ± 3dB, 75ohms, positive
8	○	○	○	Function select (AV control)	High state (9.5 - 12V): Part mode Low state (0 - 2V): TV mode Input impedance: More than 10kohms Input capacitance: Less than 2nF
9	○	○	○	Ground (green)	
10	○	○	○	Open	
11	○	●	●	Green	Green signal: 0.7V ± 3dB, 75ohms, positive
12	○	○	○	Open	
13	○	○	○	Ground (red)	
14	○	○	○	Ground (blanking)	
15	○	○	○	Red input (S signal) croma input	0.7V ± 3dB, 75ohms, positive 0.3V ± 3dB, 75ohms, positive
16	○	●	●	Blanking input (Ys signal)	High state (1 - 3V) Low state (0 - 0.4V) Input impedance: 75ohms
17	○	○	○	Ground (video output)	
18	○	○	○	Ground (video input)	
19	○	○	○	Video output	1V ± 3dB, 75ohms, positive Sync: 0.3V (-3, +
20	○	○	○	Video input	1V ± 3dB, 75ohms, positive Sync: 0.3V (-3, +
21	○	○	○	Video Input/Y (S signal)	1V ± 3dB, 75ohms, positive Sync: 0.3V (-3, + 10dB)
21	○	○	○	Common ground (plug, shield)	

○ Connected ● unconnected (open) * at 20Hz - 20kHz


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CAUTION

SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR CARBON PAINTED ON THE CRT, AFTER REMOVING THE ANODE.

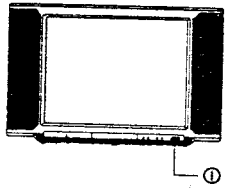
SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARK  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

SECTION 1 GENERAL

1-1. SWITCHING ON/OFF

After you have completed the basic preparation your TV is ready to be connected to the mains power supply (220/240V AC, 50Hz).

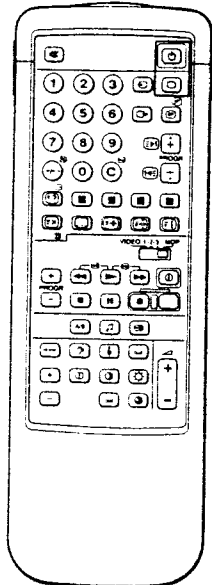


How to turn the TV on

Action	Result
Press on the TV.	The TV will turn on. Note: If the screen remains blank, the TV may be in the standby mode. Press or any number button on the commander to switch it on.

How to turn the TV off

A Temporarily	
Press to enter standby mode.	The TV will be in standby. To return to the TV mode press .
B Completely	
Press on the TV.	The TV will turn off.



1-2. PRESETTING

After you have installed this TV you need to preset TV channels.

TV stations broadcast their channels at certain frequencies. You must preset these channels to programme numbers on this TV before you can watch the TV programmes.

There are 60 spaces for storing these channels.

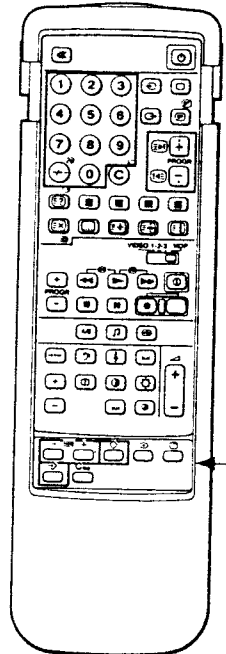
Slide open the full function side of the remote commander to reveal preset buttons.

How to preset channels automatically

If you are unfamiliar with the channel numbers of the stations you wish to preset, use "How to preset channels automatically". If you are familiar with the channel numbers refer to "How to preset T.V. channels directly".

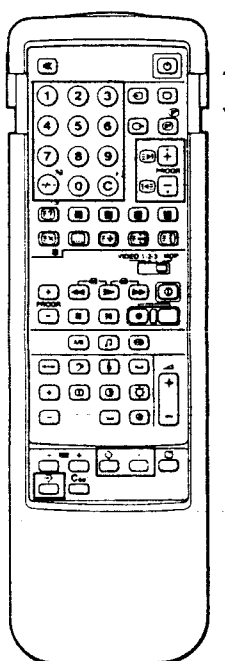
Action	Result
1 Press to enter the preset mode.	The programme number will start flashing.
2 Press PROGR + or - or the number buttons to select the programme number to which you want to preset channels.	The programme number changes.
Note To select a double-digit number, use the button. For example, if you want to choose 23, press , 2, and then 3.	
3 Press or once to search forward or backward for channels.	When a channel is tuned in, the search will stop. Note If you want to skip a channel, press + or -.
4 Press if you want to store the channel which is tuned in. Press to exit preset mode without storing.	The channel is now stored and you have returned to TV mode.
5 Repeat steps 1 to 4 to store the other channels.	

Note: These buttons should be used in preset mode only.



How to preset channels directly

Action	Result
1 Press to enter the preset mode.	The programme number will start flashing.
2 Press PROGR + or - or the number buttons to select the programme number on which you want to preset a channel.	The programme number changes.
Note To select a double-digit number, use the button. For example, if you want to choose 23, press , 2, and then 3.	
3 Press C . If you want to select a cable channel, press C twice.	The indication "C" ("S" for a cable channel) starts flashing on the display.
4 Select the channel number with two digits (e.g. 04) by pressing the number buttons.	The channel number changes. Note If you have made a mistake the letter "X" will appear. Repeat step 4 again.
Note Press the second number within 5 seconds after the first one, otherwise the operation will be cancelled.	
5 Press to store the channel which is tuned in. Press to exit the preset mode without storing.	The channel is now stored and you have returned to TV mode.
Repeat steps 1 to 5 to store the other channels.	



How to Name a Station

You can use up to five characters to "name" a channel or station (i.e. BBC1).

Action	Result
1 Select a programme number you want to name by pressing the PROGR + or - or the number buttons.	The selected programme number will appear.
2 Press .	The programme number starts flashing.
3 Press .	The first column of the station name indication will start flashing.
4 Press + or - to select a letter in the alphabet, a number, or a blank space.	The letters of the alphabet, numbers and the space (" ") will appear sequentially.
5 Press .	The first character is now set and the second column will start flashing.
6 Repeat steps 4 and 5 to set each letter.	
7 Press .	The channel name is now stored and you have returned to TV mode.

How to tune in a channel temporarily

You can tune a channel in temporarily, if it has not been preset.

Action	Result
1 Press C . For cable channels, press C twice.	The indication "C" ("S" for cable channels) appears on the screen.
2 Select the channel number with two digits by pressing the number buttons (e.g. for channel 4, first press 0, then 4.)	The channel is received, but it is not stored to any programme number.

1-3. BASIC TV OPERATION

How to Skip Programmes

Using the PROGR +/- buttons you can skip unused programme channel numbers. However, the skipped numbers may still be called up using the number buttons.

Action	Result
1 Press → to enter the preset mode.	The programme number will start flashing.
2 Select the programme number that you want to skip by pressing PROGR +/- or the number buttons.	The programme number changes.
3 Press Coo.	The lowest channel number appears under the programme number.
4 Press ◊.	The channel is now stored and you have returned to TV mode.

Repeat steps 1 to 4 to skip other programme numbers.

How to Fine Tune Manually

If the picture is distorted, you can fine tune the channel manually.

Action	Result
Press [F] + or - repeatedly until the picture looks normal.	The indication ← F → appears on the screen.
Press → to enter the preset mode.	The programme number starts flashing.
Press ◊.	The fine tuning is stored.

Note: The automatic fine tuning will function again when you preset the channel once more.

Note: Press ⊥ on door to open.

This section introduces you to the basic control functions which are available on the simple side of the remote commander.

How to Select Programmes

Before you can select programmes make sure that you have preset channels.

Action	Result
Press PROGR +/- or the number buttons. To select a double-digit number, use the +/- button. For example, if you want to choose 23, press +/-, 2, and then 3.	The selected programme is displayed.

How to Adjust the Volume

Action	Result
Press Δ + or -.	The volume markers will appear.

How to Use Additional Functions

How to operate with the buttons on the TV

You can also select programmes and adjust the volume using the P-Δ-→ and →+/- buttons on the front of the TV. For operation, first press the P-Δ-→ button repeatedly so that the P (for programme) or Δ (for volume) indication appears on the screen, and then adjust with the →+/- buttons.

How to view the teletext

Press [T]. To return to the TV mode, press [O]. For details about the teletext operation.

How to view the video input picture

Press [V]. To return to the TV mode, press [O]. For further details.

6

1-4. ADVANCED TV OPERATION

This section shows you how to use convenient features and how to adjust the picture and sound to your taste. Use the full-function side of the Remote Commander.

How to use on-screen display and special sound features

You can enjoy the following convenient features.

How to	Action	To resume normal picture/sound
Display on-screen indications	Press [A-C-B]	Indications disappear after some seconds
Display programme numbers	Press [G] twice	Press [G] twice again.
Mute the sound	Press [M]	Press [M] again.
Select a language in bilingual programmes.	Press A/B. The selected mode of the A-C-B indicator on the TV lights up.	Press A/B.
Set the sound to music listening position	Press [J]	Press [J] again.
Use the space sound (special acoustic effect)	Press [S]	Press [S] again.
Request the time	Press [C]	Press [C] again.

How to adjust the picture and sound

Although the picture and sound have been adjusted at the factory, you might want to adjust them to your own taste. To do this, please follow the steps.

For picture adjustment

To Adjust:	Press:	Then:	Result: (+ → -)
Picture:			
Colour Intensity	[C]	[+] / [-]	More → Less
Picture Contrast	[O]		More → Less
Brightness	[B]		Bright → Dark
Hue (for NTSC only)	[H]		Reddish → Greenish
			Sharp → Soft
Sound:			
Bass	[L]	[+] / [-]	More → Less
Treble	[H]		More → Less
Balance	[B]		More Right/More Left

To reset the picture and sound to factory set levels press →+/-.

On the set:

Press →+/- buttons simultaneously.

How to select a NICAM broadcast

This Sony TV has been designed to select Nicam broadcasts when available. Whenever a Nicam broadcast is received, the [N] symbol appears briefly on the screen. When the Nicam programme ends, or you switch channels to one without Nicam, the [N] symbol appears. To check if the channel you are watching is receiving Nicam, press the on screen display button [A] on the full function side of the remote commander.

How to select the sound of your choice

Nicam programmes can be broadcast in three ways. You may select the sound you want to hear in each of these, by pressing the [A] button on the full function side of the remote commander.

Nicam service being broadcast	Action	The sound you hear	Indication on the TV A-C-B
Stereo		Stereo	[S] [S]
	Press A/B	Normal	[] []
	Press A/B again to return to stereo		
Mono		Mono	[M] []
	Press A/B	Normal	[] []
	Press A/B again to return to Nicam mono.		
Bilingual		Language A	[A] []
	Press A/B	Language B	[] [B]
	Press A/B	Normally broadcast language	[] []
	Press A/B again to return to language A		

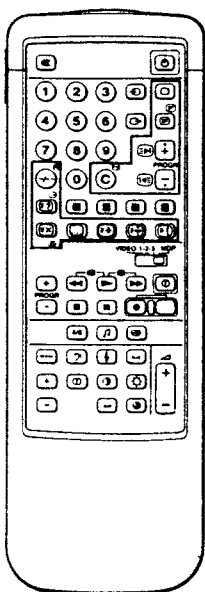
* Depending on availability of service.

7

1-5. TELETEXT OPERATION

TV stations broadcast teletext programmes via the TV channels. To receive teletext programmes, use the buttons indicated in green on the full side of the Remote Commander. With the simple side of the Remote Commander, only the basic operation is possible.

How to View the Teletext



Action	Result
1 Select the channel which carries the teletext service you wish to see.	The channel changes on the screen.
2 Press .	Teletext will appear. If the teletext signal is not broadcast, then P100 is displayed.
3 Input three digits for the page number using the number buttons. Note If you make a mistake, type in any three digits, then re-enter the correct page number.	The numbers are entered on the screen. The requested page will appear in a few seconds.
To return to the TV mode. Press . To change the teletext channels First press to return to the TV mode, then repeat steps 1 to 3.	

Note
If the signal of the TV channel is weak, teletext errors may often occur.

How to Use the Advanced Features of Teletext

How to	Action	Result (On-screen display)
Request the index page.	Press (INDEX).	The index page appears.
Request the subtitle page (p888).	Press .	The subtitle page is displayed (p888).
Access the next or preceding page.	Press (PAGE +) or (PAGE -).	The next or preceding page appears.

How to	Action	Result
Superimpose the teletext display on the TV programme.	Press once if you are in text mode, or press twice if in TV mode. To return to the normal teletext display press again.	The teletext displays are superimposed on the TV programmes.
Prevent a teletext page from being updated or changed.	Press (HOLD). To resume normal teletext reception, press (TEXT/MIX).	The HOLD symbol () appears on the screen and the chosen sub-page is held until you cancel.
Enlarge the teletext display.	Press once to enlarge the upper half. Press twice to enlarge the lower half. Press again to restore the normal display.	The upper half is enlarged.
Reveal concealed information (e.g. answers to a quiz).	Press (REVEAL). Press again to conceal the information.	The information is revealed.
Watch the TV programme while waiting for a requested page to be displayed.	1. Request a new page.	The numbers are entered.
	2. Press (TEXT CL).	The TV program is displayed, and the requested page number and other teletext data appear at the top of the screen.
	3. When the requested page has been captured, the page number remains and the other data disappears.	P201
	4. Press to view this page.	The requested page is displayed.
Have a requested page displayed at a pre-determined time.	1. Request a desired page.	The requested page is displayed.
	2. Press (TP ON).	"T*****" appears at the bottom of the screen.
	3. Enter the time you want to have the page displayed with four digits using the number buttons. (For example, enter 0730 for 7:30 AM.)	The time is entered on the screen.
	4. Press (TEXT CL) to watch the TV programme until the requested time. To cancel the request Display the teletext page, then press (TP OFF).	At the requested time, the page number will be displayed at the top of the screen, to view this page, press . The request is cancelled. To resume TV mode press .

Some of the features may not be available depending on the Teletext service.

1-7. OPTIONAL CONNECTIONS/OPERATIONS

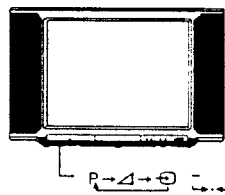
How to use the FASTEXT Feature

FASTEXT feature allows you to access pages quickly with one key operation. When a FASTEXT page is broadcast, a colour coded menu appears at the bottom of the screen. Each coloured prompt corresponds to the coloured buttons on either side of your Remote Commander.

Operation

Action	Result
Press one of the coloured buttons which corresponds to the coloured prompt on the teletext.	The selected teletext page appears.

Note
Correct FASTEXT operation depends on the necessary signals sent from the TV station.



How to view the video input picture

You can view the picture of video equipment connected to the input terminals by selecting the input mode.

Operation

Action	Result
Press repeatedly to select the desired input.	Symbol for the selected input appears. (See the table below.)
To return to the TV mode, press the button.	

Input modes

Symbol	Result
	Audio/video input through the connector.
	RGB input through the connector.
	Audio/video input through the 2/- connector.
	S video input (from a VTR equipped with an S video output) through the 2/- connector.
	Audio/video input through and jacks on the front.
You can also select the input mode using the button on the TV. In this case, first select and then press +/- buttons to select the input.	

How to select the Output

The connector outputs four kinds of audio/video signals. You have to select one of them as follows.

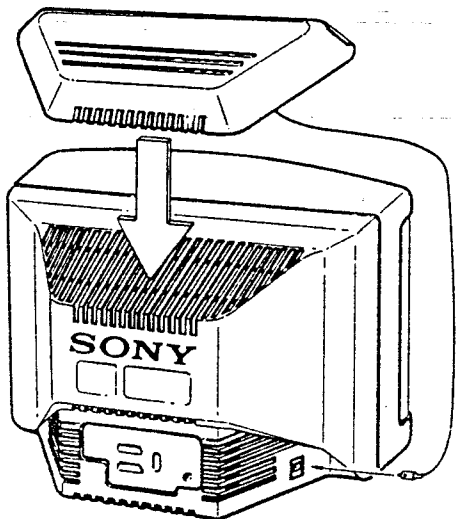
Operation

Action	Result
Press repeatedly to select the desired input.	Symbol for the selected output appears. (See the table below.)

Output modes

Symbol	Output from
	The audio/video signal from the 1 connector
	The audio/video signal from the 2/- connector
	The audio/video signal from the and connectors.
	The audio/video signal from the aerial terminal.

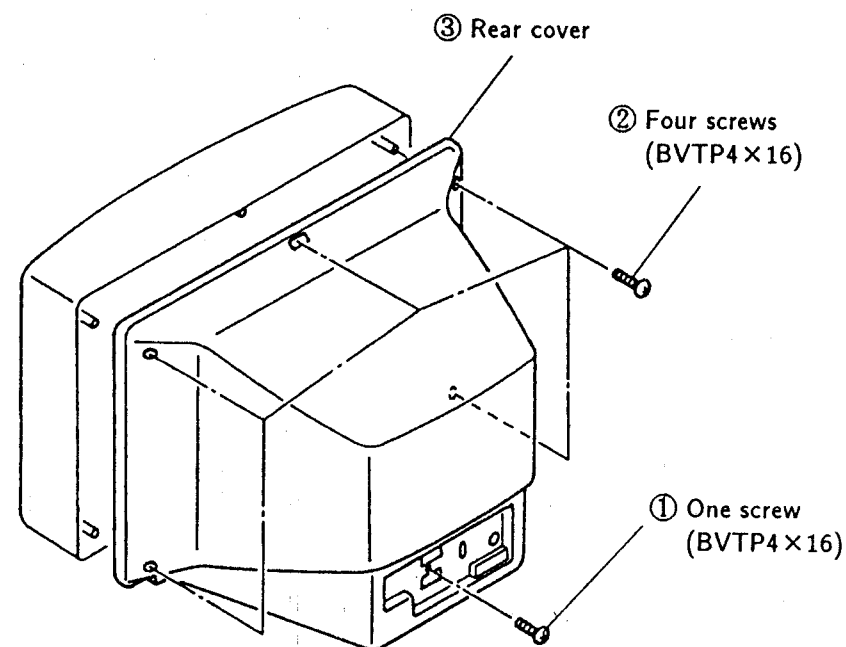
1-6. CONNECTION OF THE WOOFER



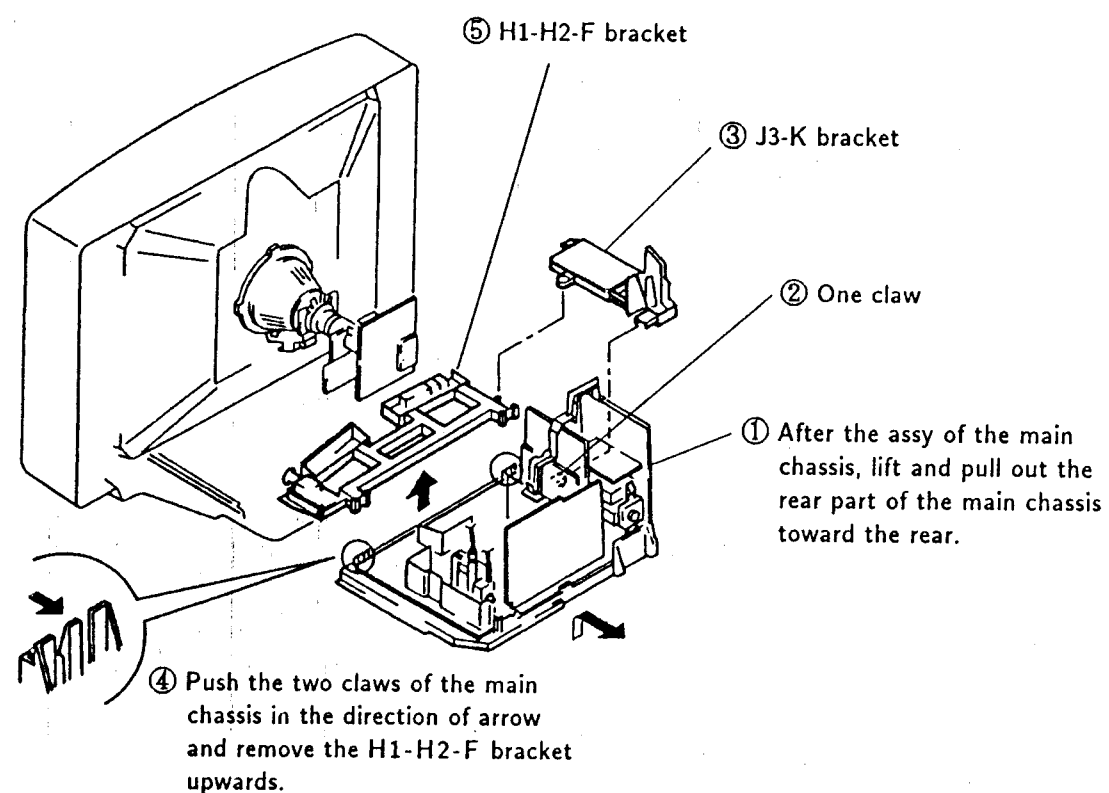
Place the woofer on the TV set and plug the connector in the side terminal.

SECTION 2 DISASSEMBLY

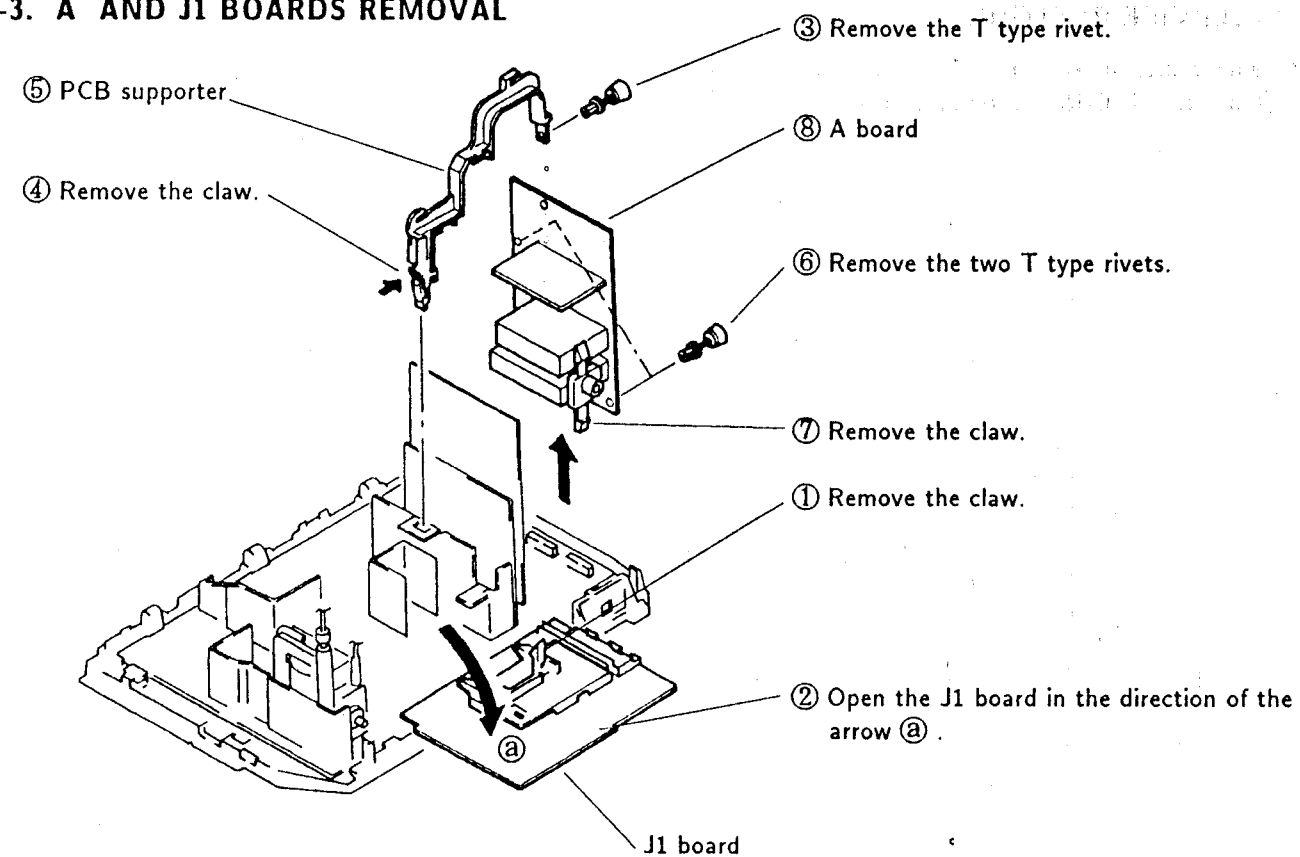
2-1. REAR COVER REMOVAL



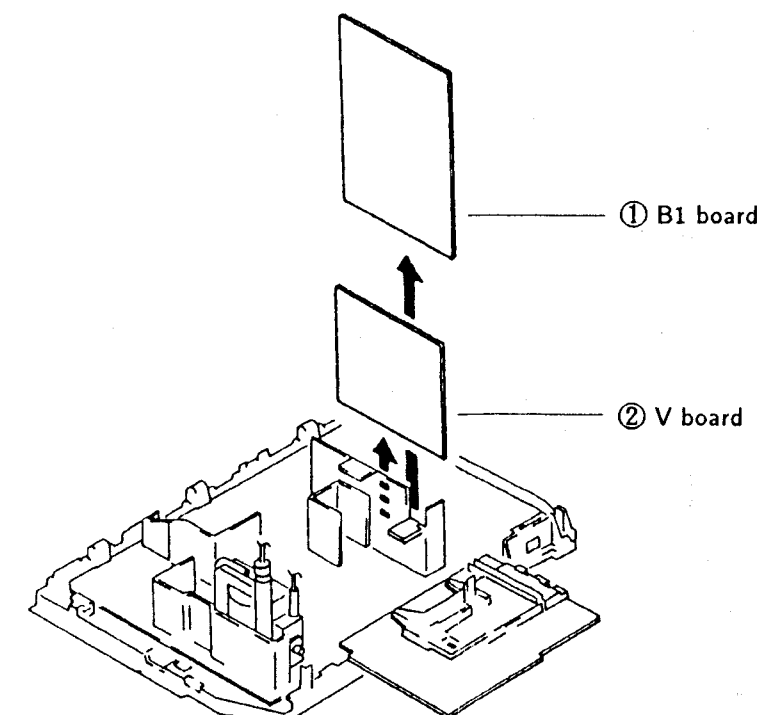
2-2. CHASSIS ASSY REMOVAL



2-3. A AND J1 BOARDS REMOVAL



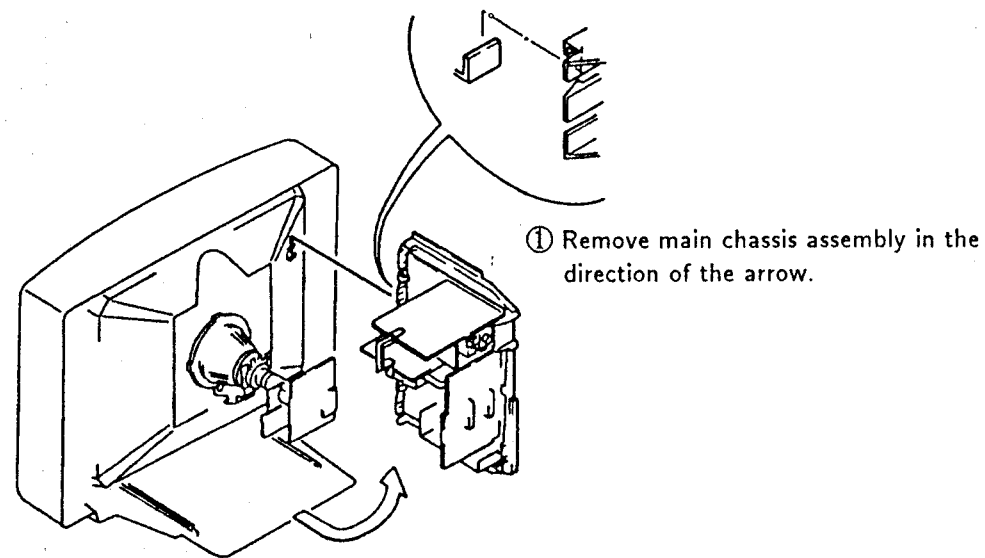
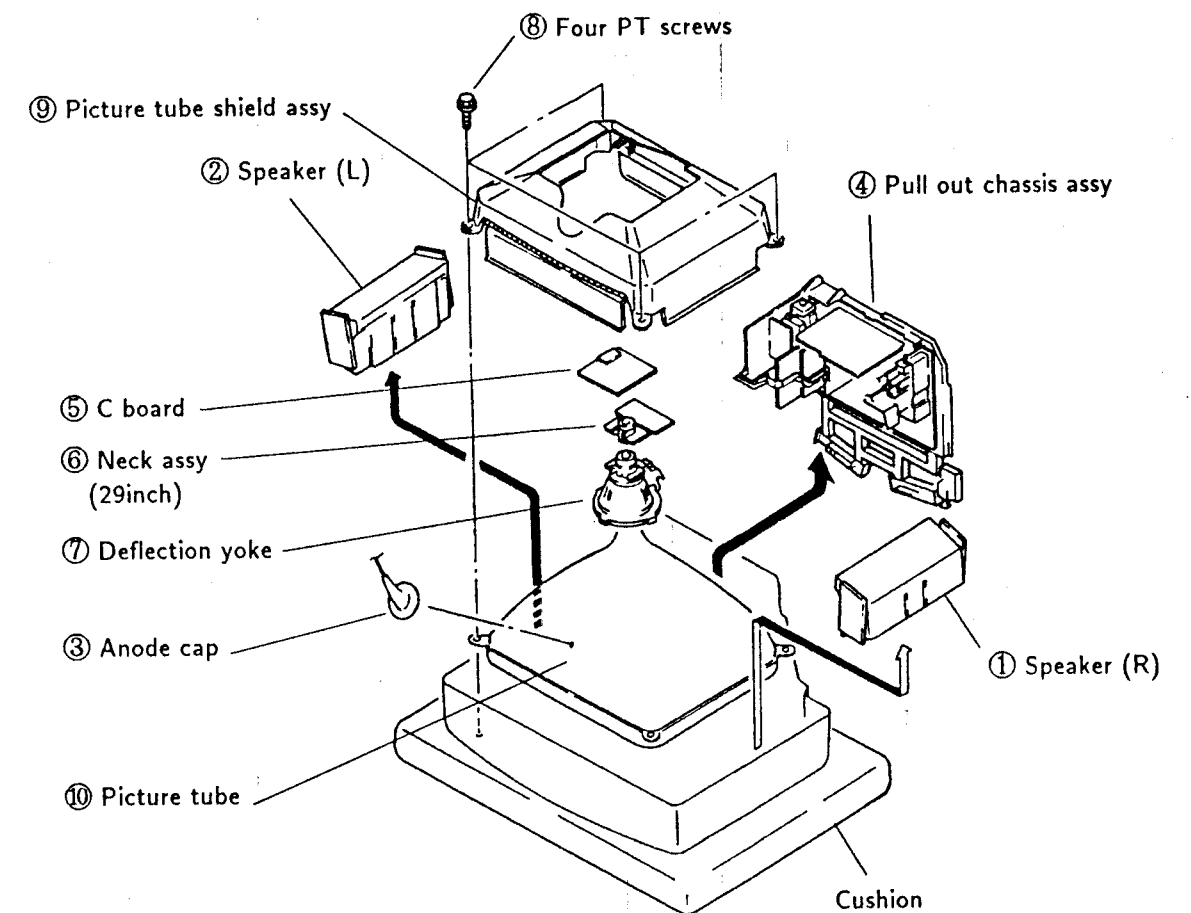
2-4. B1 AND V BOARDS REMOVAL



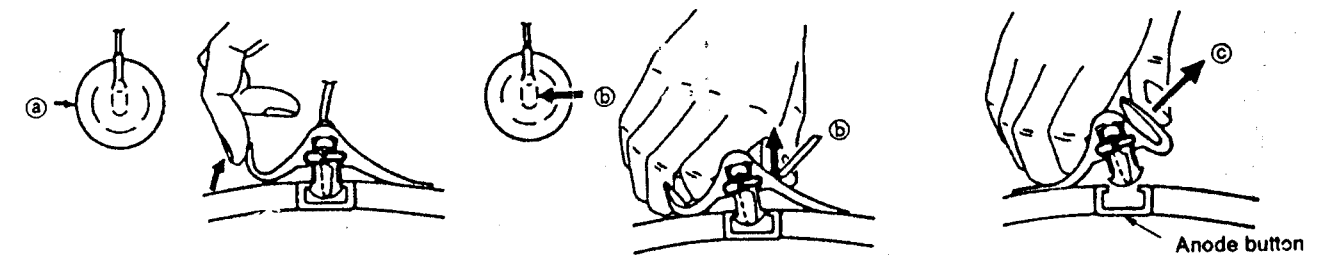
Note: 10 pin extension cable (S-0945-001-0)

2-5. SERVICE POSITION

* Remove the connector bracket from the main chassis assembly and then perform the following servicing.
(Refer to 2-2. CHASSIS ASSY REMOVAL.)

**2-6. PICTURE TUBE REMOVAL**

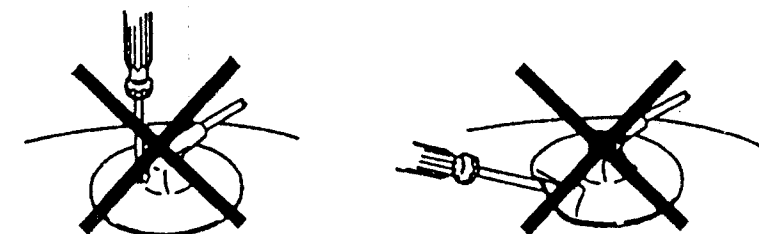
• **REMOVAL OF ANODE-CAP**
• **REMOVING PROCEDURES**



- ① Turn up one side of the rubber cap in the direction indicated by the arrow ①.
- ② Using a thumb pull up the rubber cap firmly in the direction indicated by the arrow ②.
- ③ When one side of the rubber cap is separated from the anode button, the anode-cap can be removed by turning up the rubber cap and pulling up it in the direction of the arrow ③.

• **HOW TO HANDLE AN ANODE-CAP**

- ① Don't hurt the surface of anode-caps with sharp shaped material!
- ② Don't press the rubber hardly not to hurt inside of anode-caps!
A material fitting called as shatter-hook terminal is built in the rubber.
- ③ Don't turn the foot of rubber over hardly!
The shatter-hook terminal will stick out or hurt the rubber.



SECTION 3 SET-UP ADJUSTMENTS

- The following adjustments should be made when a complete realignment is required or a new picture tube is installed.
- These adjustments should be performed with rated power supply voltage unless otherwise noted.

The controls and switch below should be set as follows unless otherwise noted:

- CONTRAST control 80%
(or Normal by commander)
- ☆ BRIGHTNESS control 50%

Preparations

- In order to reduce the influence of geomagnetism on the set's picture tube face it east or west.
- Switch on the set's power and degauss with the degausser.

3-1. BEAM LANDING

1. Input the white signal with the pattern generator.
Contrast } normal
Brightness }
2. Position neck ass'y as shown in Fig 3-2.
3. Set the pattern generator raster signal to red.
4. Move the deflection yoke to the rear and adjust with the purity control so that the red is at the center and the blue and the green take up equally sized areas on each side.
(See Fig. 3-1 through 3-3.)
5. Move the deflection yoke forward and adjust so that entire screen is red. (See Fig. 3-1.)
6. Switch the raster signal to blue, then to green and verify the condition.
7. When the position of the deflection yoke has been decided, fasten the deflection yoke with the screws.
8. If the beam does not land correctly in all the corners, use a magnet to adjust it.
(See Fig. 3-4.)

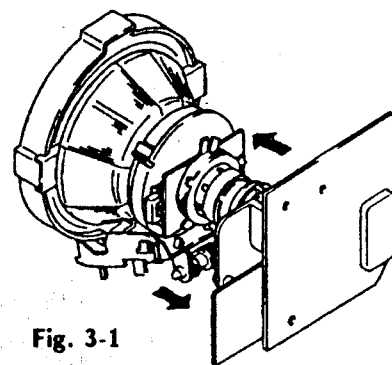


Fig. 3-1

Perform the adjustments in order as follows:

1. Beam Landing
2. Convergence
3. Focus
4. Screen (G2) and White Balance

Note: Test Equipment Required.

1. Color bar/Pattern Generator
2. Degausser
3. DC Power Supply
4. Digital multimeter
5. Oscilloscope

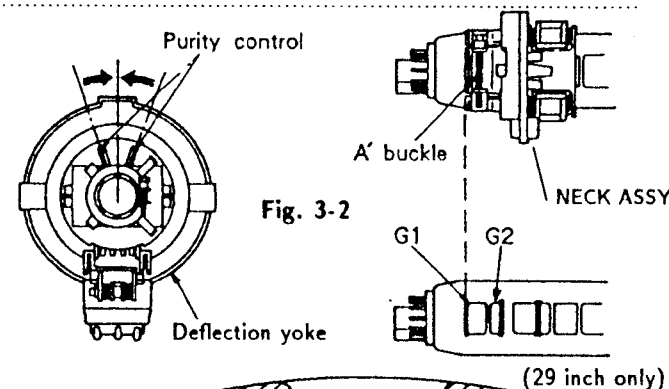


Fig. 3-2

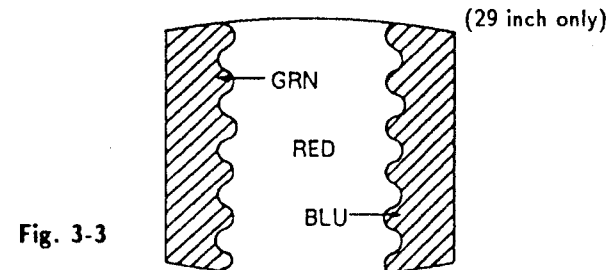


Fig. 3-3

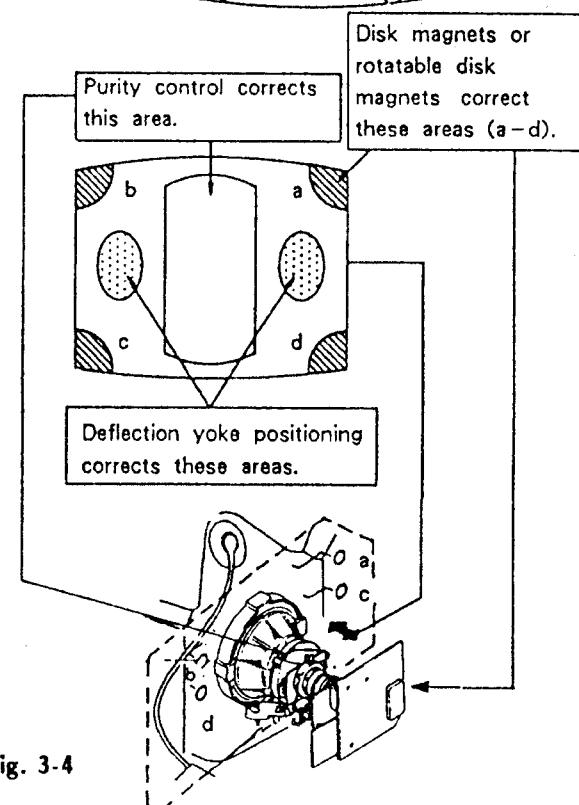


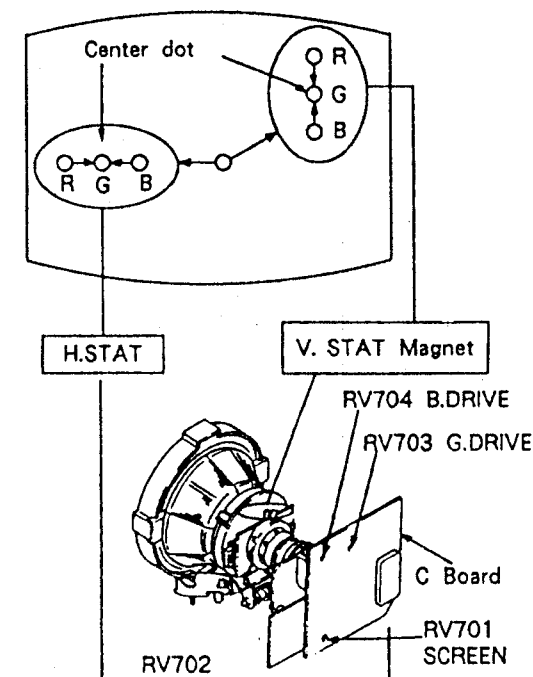
Fig. 3-4

3-2. CONVERGENCE

Preparations:

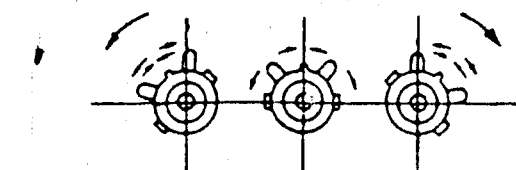
- Before starting this adjustment, adjust the focus, horizontal size, and vertical size.
- Minimize the brightness setting.
- Provide dot pattern.

(1) Horizontal and vertical static convergence

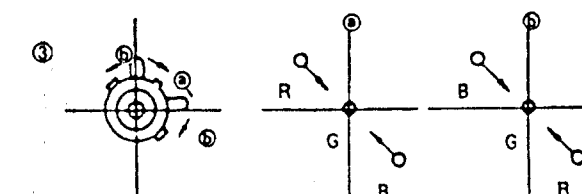
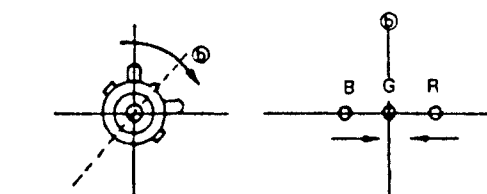
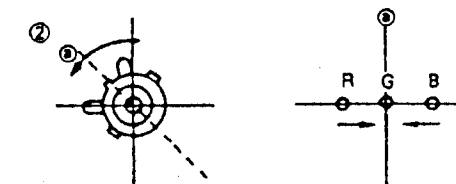
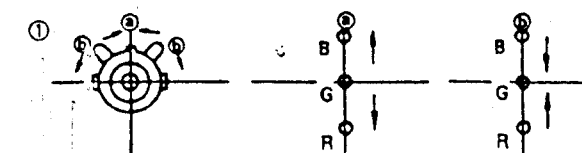


1. (Moving horizontally), adjust the H.STAT control so that the red, green, and blue points are on top of each other at the center of the screen.
2. (Moving vertically), adjust the V.STAT magnet so that the red, green, and blue points are on top of each other at the center of the screen.
3. If the H.STAT variable resistor cannot bring the red, green, and blue points together at the center of the screen, adjust the horizontal convergence with the H.STAT variable resistor and the V. STAT magnet in the manner given below.
(In this case, the H.STAT variable resistor and the V.STAT magnet influence each other)

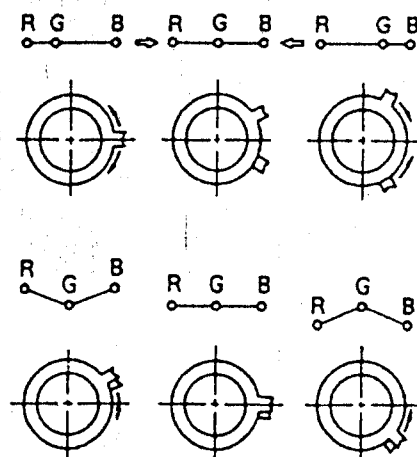
- Tilt the V.STAT magnet and adjust the static convergence by opening or closing the V.STAT magnet.



4. If the V.STAT magnet is moved in the direction of the Ⓐ and Ⓑ arrows, the red, green, and blue points move as shown below.



• Operation of BMC (Hexapole) Magnet

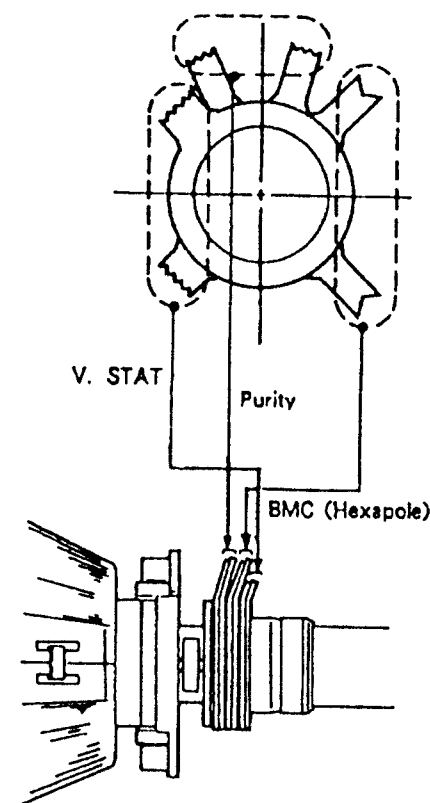
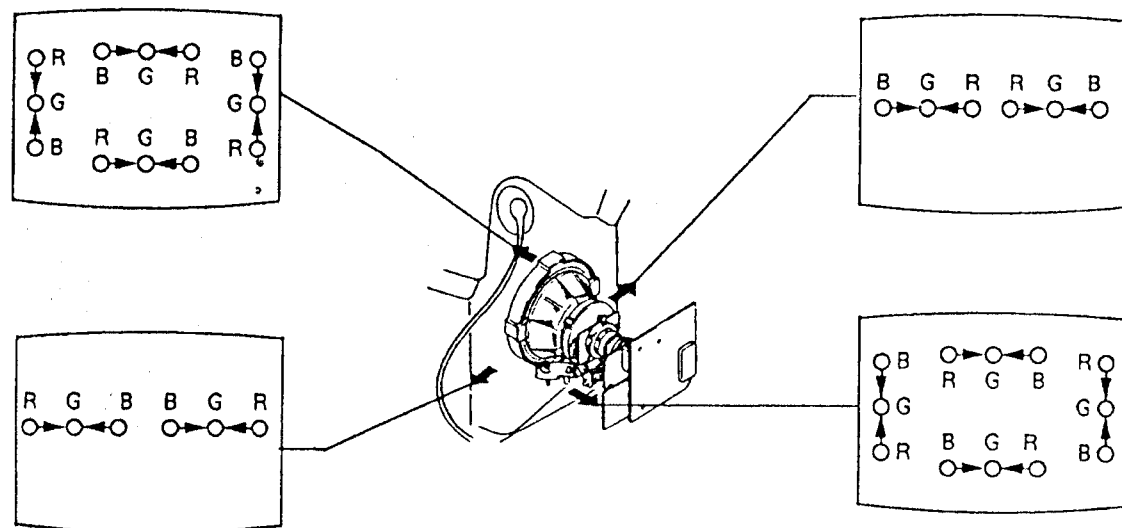


- The respective dot positions resulting from moving each magnet interact, so be sure to perform adjustment while tracking. Use the H-STAT VR to adjust the red, green, and blue dots so they coincide at the center of screen (by moving the dots in the horizontal direction).

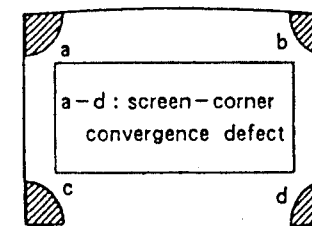
(2) Dynamic convergence adjustment

Preparations :

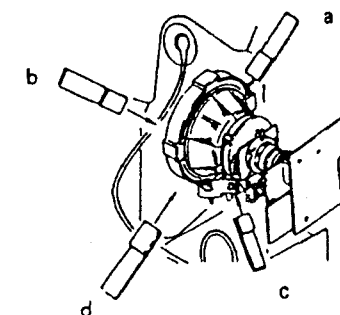
- Before starting this adjustment, adjust the horizontal static convergence and the vertical static convergence.
- Slightly loosen the deflection yoke screws.
- Remove the deflection yoke spacer.
- Move the deflection yoke as shown in the figure below and optimize the convergence.
- Tighten the deflection yoke screws.
- Install the defelection yoke spacer.



(3) Screen corner convergence

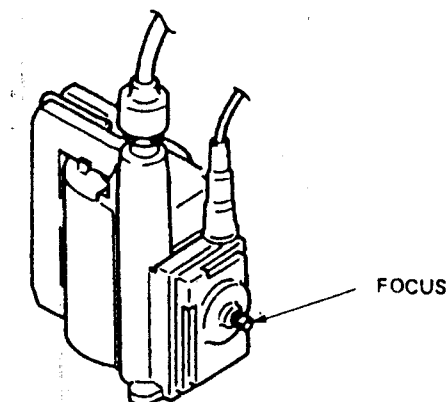


Install the permalloy assembly for the section with faulty.



3-3. FOCUS

Adjust the focus to optimize the screen.



3-4. WHITE BALANCE

[Screen G2 setting]

- Input the dot signal from the pattern generator.
- Set the picture brightness control to its lowest level.
- Apply 170V DC to the R, G, and B cathodes with an external power supply.
- While watching the picture, adjust G2 control RV701 (Screen) to the point just before the return lines disappear.

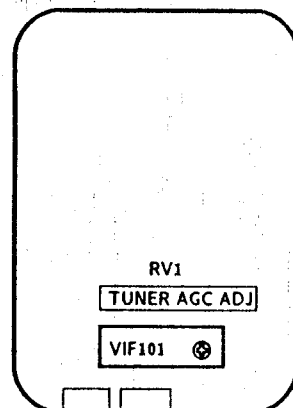
[White balance adjustment]

- Input an all-white signal from the pattern generator.
- Set the picture brightness and color controls to their normal levels.
- Use the RV704 (B Drive) and RV703 (G Drive) to adjust white balance.

In the adjustments below, have the picture color and brightness settings at their normal levels unless there is a specific instruction to the contrary.

SECTION 4 CIRCUIT ADJUSTMENTS

4-1. A BOARD ADJUSTMENTS

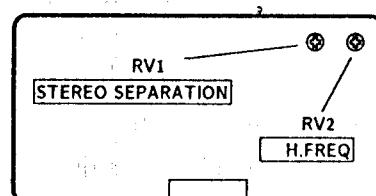


A BOARD (COMPONENT SIDE)

TUNER AGC ADJUSTMENT (VIF101, RV1)

1. Align with an appropriate signal between stations.
2. Adjust RV1 so that snow noise and cross modulation just disappear from the picture.

IFG5.5S SIF



IFG5.5S SIF -component side-

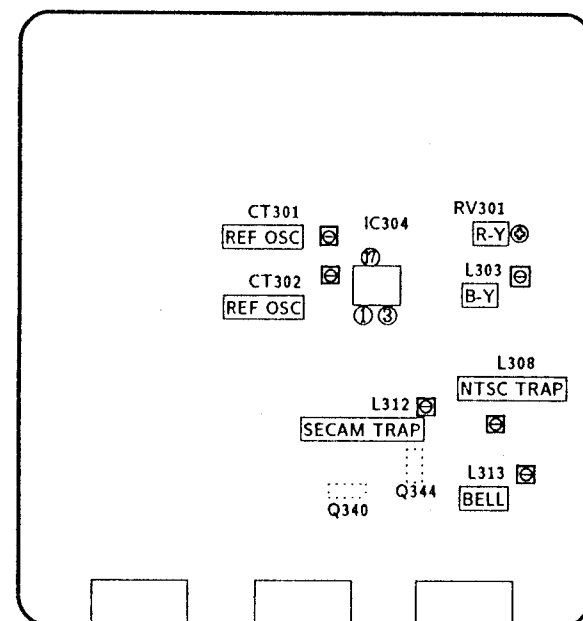
STEREO SEPARATION ADJUSTMENT (RV1)

1. Input stereo signals. (L-CH 400Hz, R-CH 1KHz)
2. Check the stereo indicator.
3. Connect on oscilloscope to pin ⑧ (CH1) of CN1 through band pass filter of 1KHz
4. Adjust RV1 so that 1KHz voltage goes down to the minmum.

H FREQ (RV2)

1. Input a PAL COLOR BAR signal, then connect a jumper between pin ⑫ IC4 and GND.
2. Connect a frequency counter to pin ④ IFG5.5S (HP) of CN1 through a probe of 10 : 1.
3. Adjust RV2 (H.FREQ) $15.625 \pm 50\text{Hz}$.
4. After adjustment, remove the jumper.

4-2. B1 BOARD ADJUSTMENTS



B1 BOARD (COMPONENT SIDE)

REFERENCE OSCILLATOR ADJUSTMENT (CT302 8.8MHz)

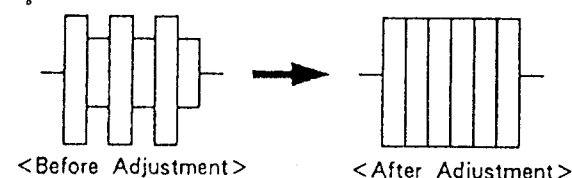
1. Input a PAL color bar signal.
2. Ground pin ⑪ of the IC304.
3. Adjust CT302 to obtain synchronization.

REFERENCE OSCILLATOR ADJUSTMENT (CT301 7.16MHz)

1. Input an NTSC color bar signal.
2. Ground pin ⑪ of IC304.
3. Adjust the CT301 to obtain synchronization.
4. Remove the jumper grounding pin ⑪ of IC304.

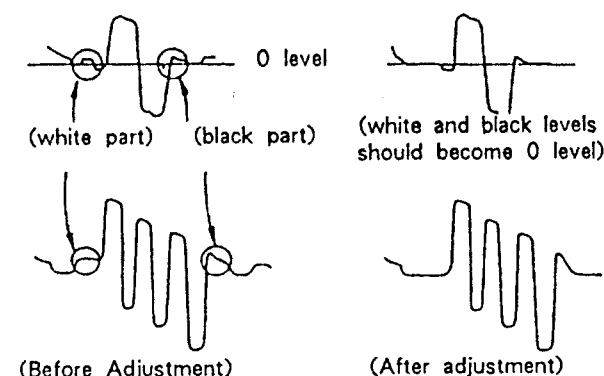
BELL FILTER ADJUSTMENT (L313)

1. Input a SECAM color bar signal.
2. Ccnnect the oscilloscope to the emitter of Q344.
3. Adjust L313 so that the waveform is flat.



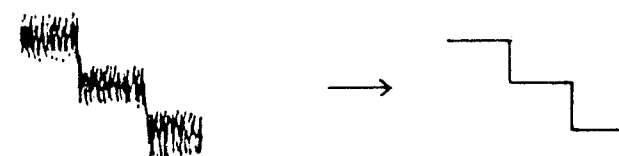
DISCRIMINATION ADJUSTMENTS (RV301 and L303)

1. Input a SECAM color bar signal.
2. Connect the oscilloscope to pin ① of IC304.
3. Adjust RV301 until the white and black sections of the waveform at pin ① are at the 0 level.
Connect the oscilloscope to pin ③ of IC304.
4. Adjust L303 until the white and black sections of the waveform at pin ③ are at the 0 level.



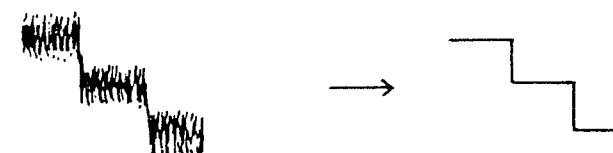
SECAM TRAP (L312)

1. Input a SECAM color bar signal.
2. Connect oscilloscope to Q340 emitter and adjust L312 to minimize color carrier on the Y-signal.

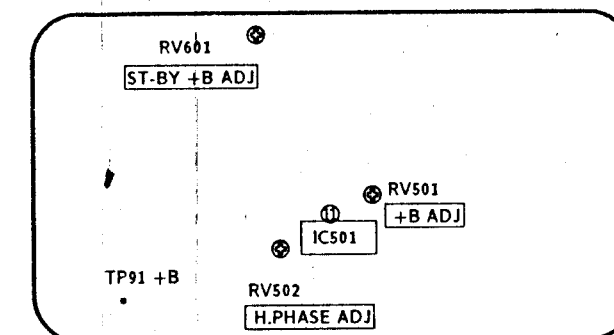


NTSC TRAP (L308)

1. Input a NTSC (3.58) color bar signal.
2. Connect oscilloscope to Q340 emitter and adjust L308 to minimize color carrier on the Y-signal.



4-3. D BOARD ADJUSTMENTS



D BOARD (COMPONENT SIDE)

+B ADJUSTMENT (RV501)

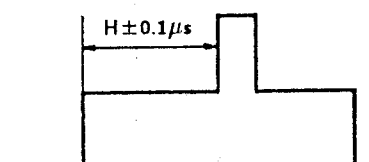
1. Connect the digital multimeter to TP91.
2. Adjust RV501 to obtain $135 \pm 0.2\text{V}$.

ST-BY +B ADJUSTMENT (RV601)

1. Put the system into ⏻ standby mode (remote commander).
2. Connect the digital multimeter to TP91.
3. Adjust RV601 to obtain $135 \pm 3\text{V}$.
4. Take the system out of ⏻ standby mode (remote commander).

H.PHASE ADJUSTMENT (RV502)

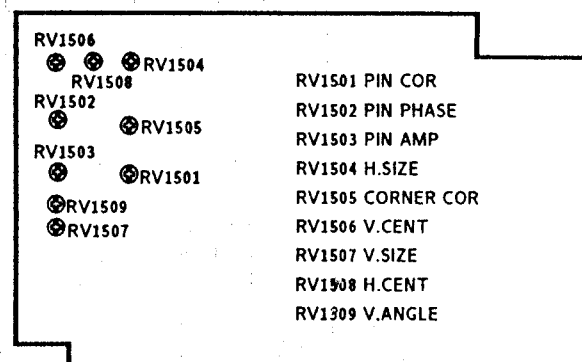
1. Input a PAL color bar signal.
2. Set the picture and brightness controls to their normal levels.
3. Set RV1508 (H.CENT) to its mechanical center.
4. Connect the oscilloscope to pin ⑪ (SCP) of IC 501.
5. Rotate RV502 to adjust to $H \pm 0.1\mu\text{s}$.



Standard of H. PHASE

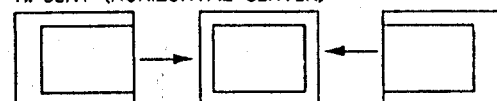
Model Size	H
25 "	$5.1\mu\text{s}$
29 "	$5.5\mu\text{s}$

4-4. J1 BOARD ADJUSTMENTS

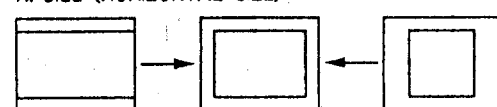


J1 BOARD (COMPONENT SIDE)

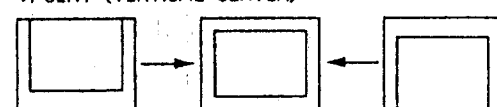
RV1508
H. CENT (HORIZONTAL CENTER)



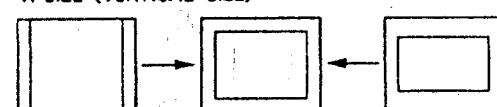
RV1504
H. SIZE (HORIZONTAL SIZE)



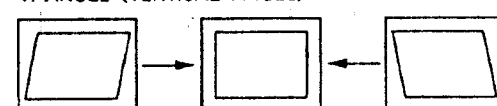
RV1506
V. CENT (VERTICAL CENTER)



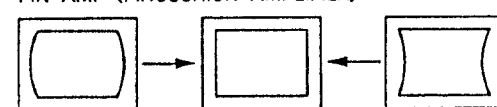
RV1507
V. SIZE (VERTICAL SIZE)



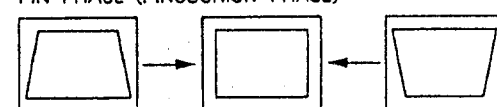
RV1509
V. ANGLE (VERTICAL ANGLE)



RV1503
PIN AMP (PINCUSHION AMPLIFIER)



RV1502
PIN PHASE (PINCUSHION PHASE)



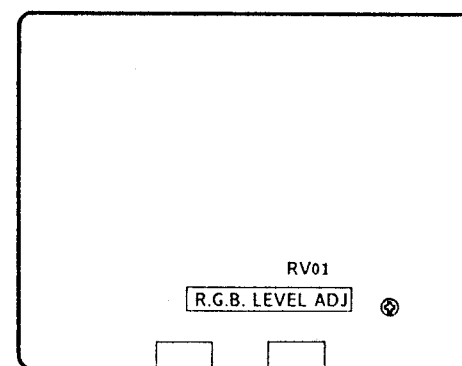
RV1501
PIN. COR (PINCUSHION CORRECT)



RV1505
CORNER COR (CORNER CORRECT)



4-5. V BOARD ADJUSTMENT



V BOARD (COMPONENT SIDE)

RGB LEVEL ADJUSTMENT (RV01)

1. Maximize the picture setting.
2. Adjust RV01 so that the RGB output is 0.75V.

4-6. SECONDARY ADJUSTMENTS

SUB BRIGHTNESS ADJUSTMENT

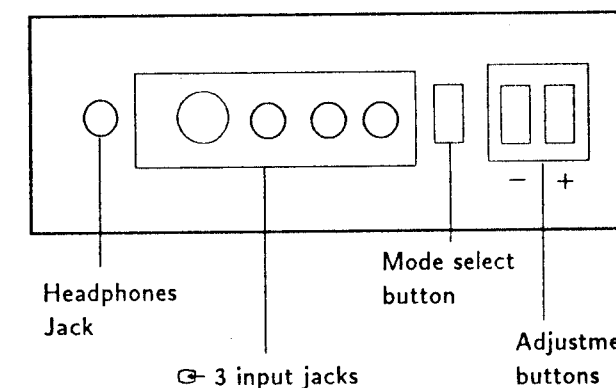
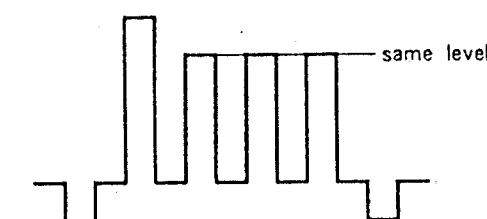
1. Set the system to receive a test pattern.
2. Press → • ← on the remote commander to put the system into normal mode.
3. Switch off the power.
4. While depressing the adjusting buttons + and - simultaneously, turn on the power. (SUB mode is obtained)
5. Minimize the ● contrast setting.
6. Adjust the ⚙ brightness control so that the gray scale 0 IRE section is cut off completely and the 20 IRE section is barely glowing.
7. Depress the ◇ (store) button of the remote commander. (SUB mode is released)

If there is no test color pattern

1. Set the system to receive a color pattern.
2. Press → • ← on the remote commander to put the system into normal mode.
Set the ● color to its normal state.
- 3-5. Steps are the same as above.
6. Since 20 IRE is nearly blue, adjust the ⚙ brightness control so that the blue barely glows.
7. Same as step 7 above.
8. Press → • ← on the remote commander to put the system into normal mode.

SUB COLOR ADJUSTMENT

1. Set the system to receive color bars.
2. Press → • ← on the remote commander to put the system into normal mode.
3. Cut off the power.
4. While depressing the adjustment buttons + and - simultaneously, turn on the power. (SUB mode is obtained).
5. Adjust the color control so that the B out waveform (pin ⑤ of C board connector CNC72) is as shown in the figure below.
6. Depress the ◇ (store) button of the remote commander. (SUB mode is released)

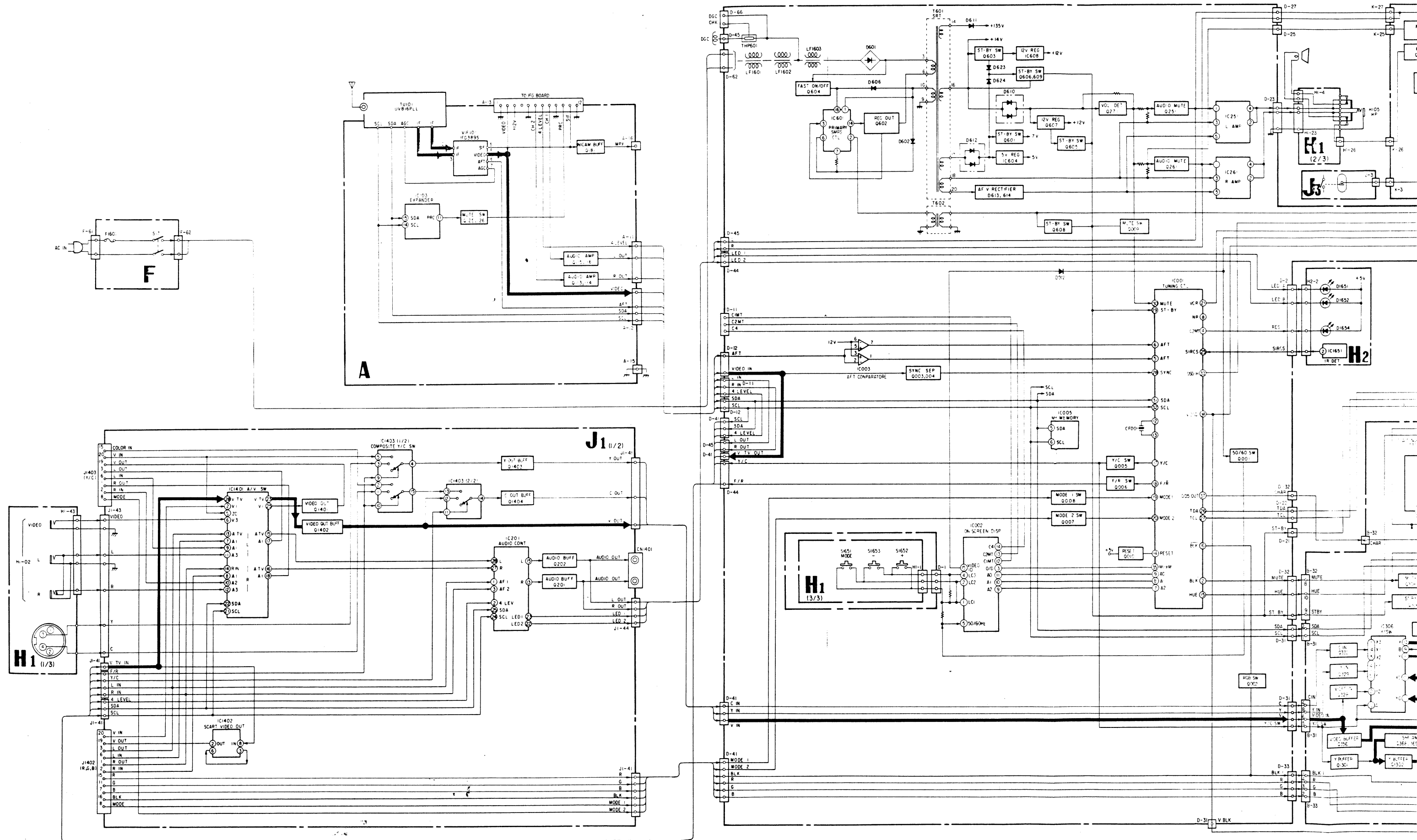


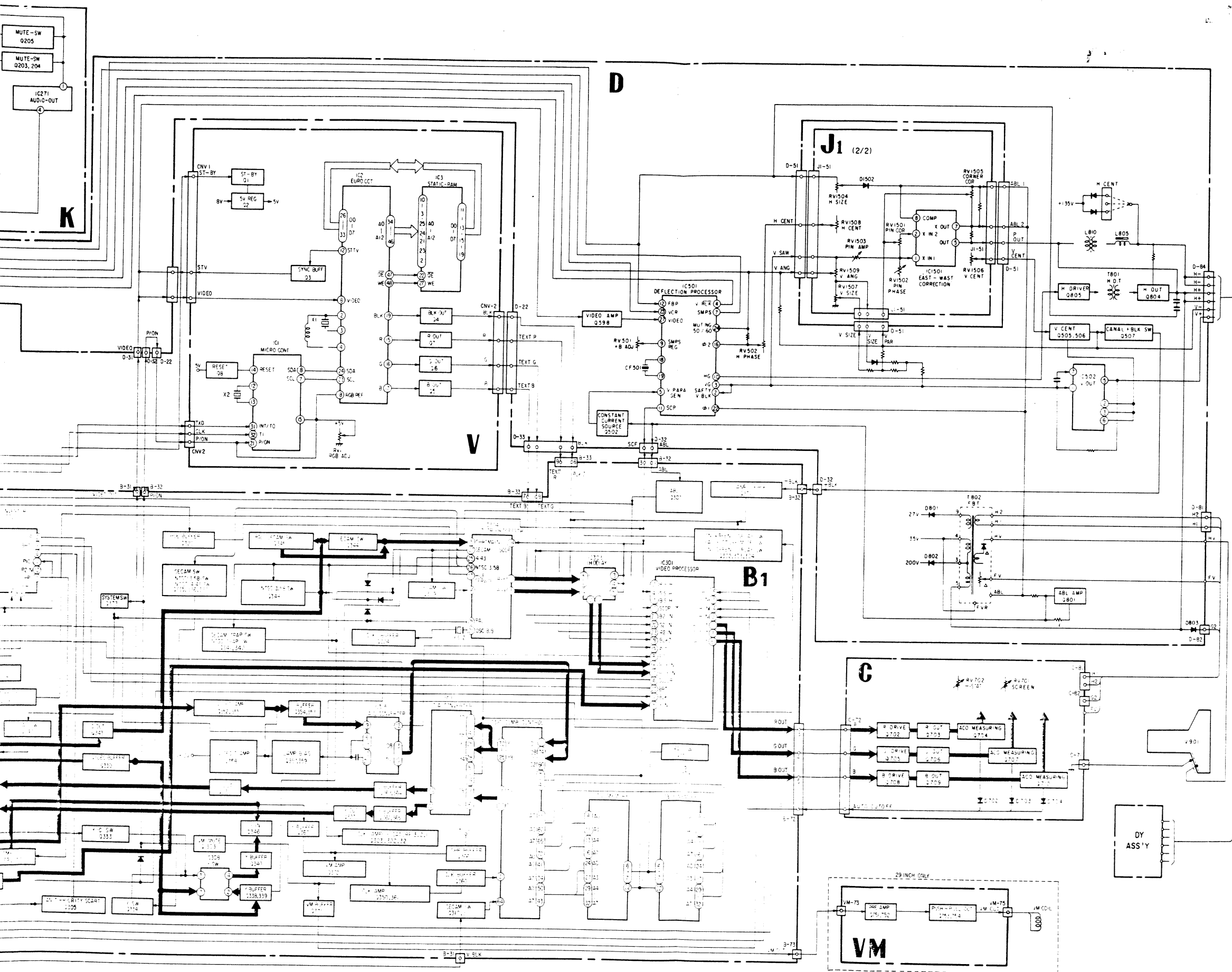
MEMO

SECTION 5 DIAGRAMS

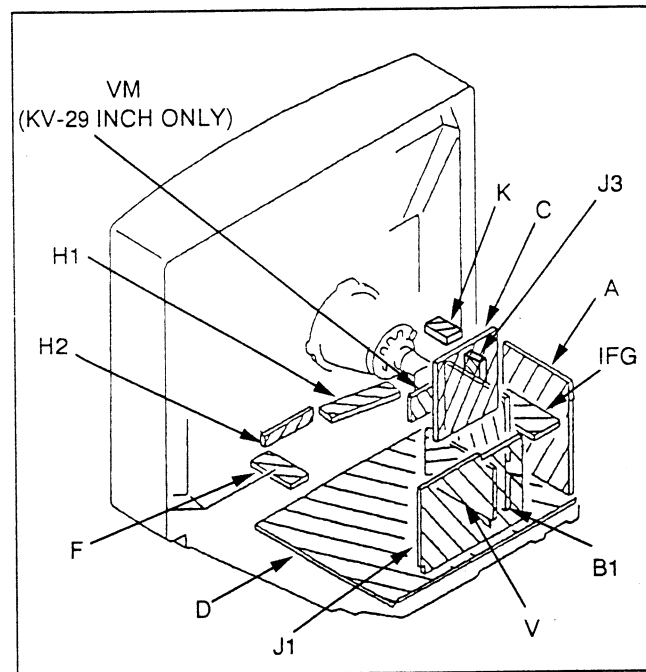
5-1. BLOCK DIAGRAM

RM-816





5-2. CIRCUIT BOARDS LOCATION








5-3. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

Note :


- All capacitors are in μF unless otherwise noted.
pF: $\mu \mu F$ 50WV or less are not indicated except for electrolytic.
- Indication of resistance, which does not have one for rating electrical power, is as follows.

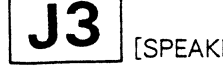
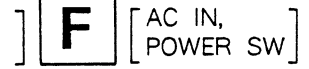
Pitch : 5mm
Rating electrical power : $\frac{1}{4}W$

- Chip resistor is in 1/10W.
- All resistors are in ohms.
k Ω = 1000 Ω , M Ω = 1000K Ω
-  : nonflammable resistor.
-  : fusible resistor.
- Δ : internal component.
-  : panel designation or adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- All voltages are in V.
- Readings are taken with a 10M Ω digital multimeter.
- Readings are taken with a color-bar signal input.
- Voltage variations may be noted due to normal production tolerances.
-  : B+ bus.
-  : signal path.(RF)

Reference information

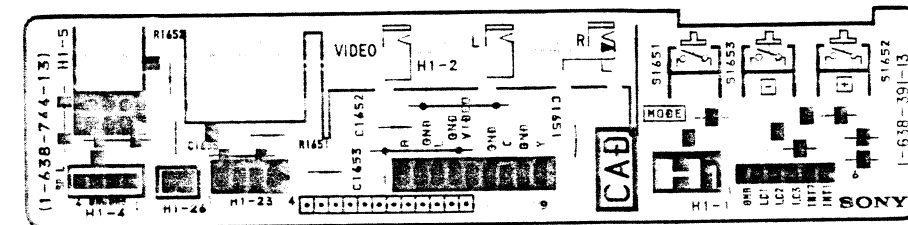
RESISTOR	RN	: METAL FILM
	RC	: SOLID
	FPRD	: NONFLAMMABLE CARBON
	FUSE	: NONFLAMMABLE FUSIBLE
	RS	: NONFLAMMABLE METAL OXIDE
	RB	: NONFLAMMABLE CEMENT
	RW	: NONFLAMMABLE WIREWOUND
	※	: ADJUSTMENT RESISTOR
COIL	LF-8L	: MICRO INDUCTOR
CAPACITOR	TA	: TANTALUM
	PS	: STYROL
	PP	: POLYPROPYLENE
	PT	: MYLAR
	MPS	: METALIZED POLYESTER
	MPP	: METALIZED POLYPROPYLENE
	ALB	: BIPOLAR
	ALT	: HIGH TEMPERATURE
	ALR	: HIGH RIPPLE

Note: The components identified by shading and mark  are critical for safety. Replace only with part number specified.



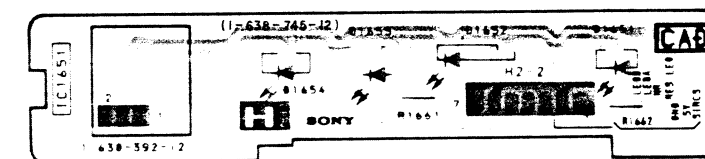
- H1 Board -

() : 25 INCH



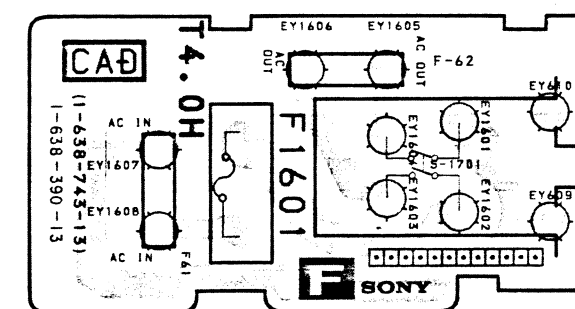
- H2 Board -

() : 25 INCH

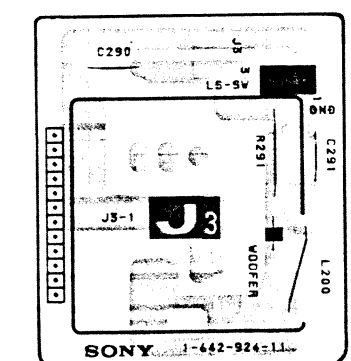


- F Board -

() : 25 INCH



- J3 Board -

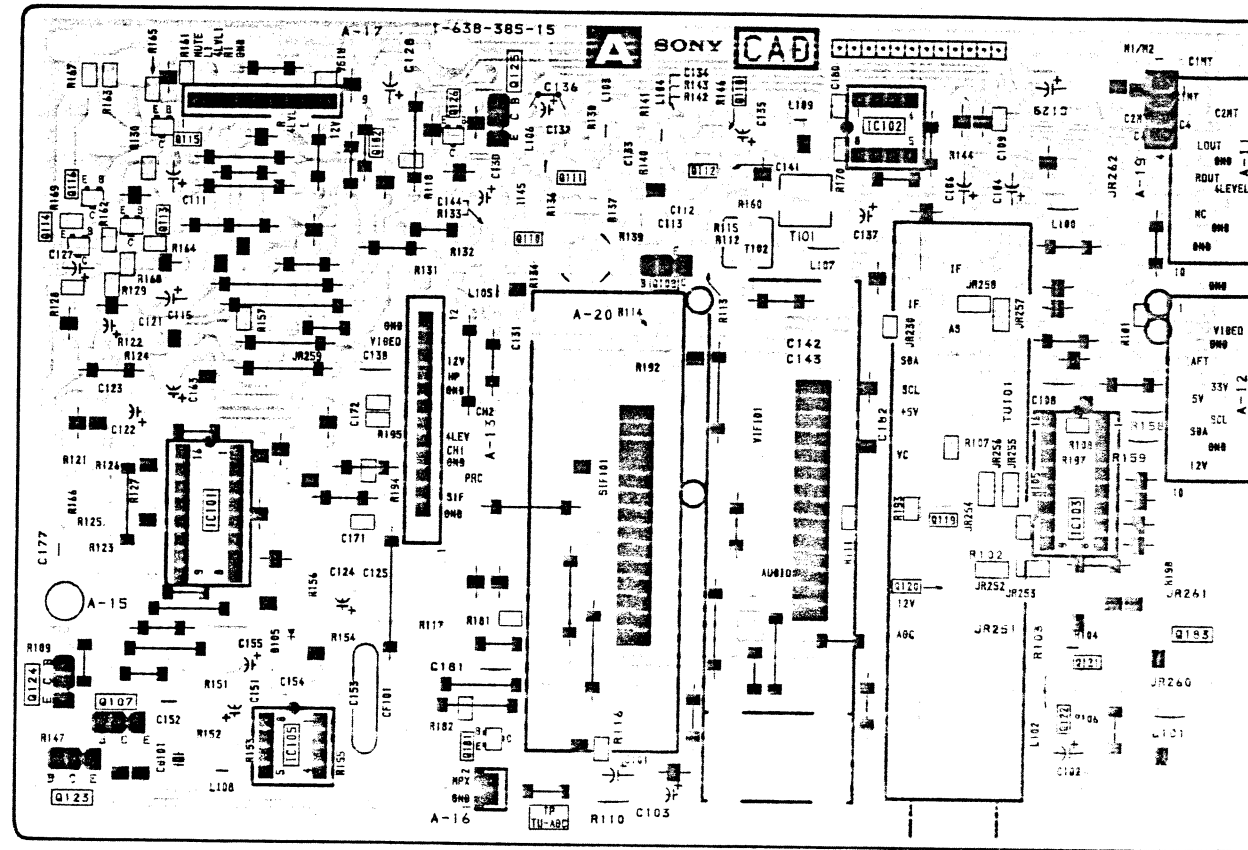


KV-C2571D/C2971D
RM-816

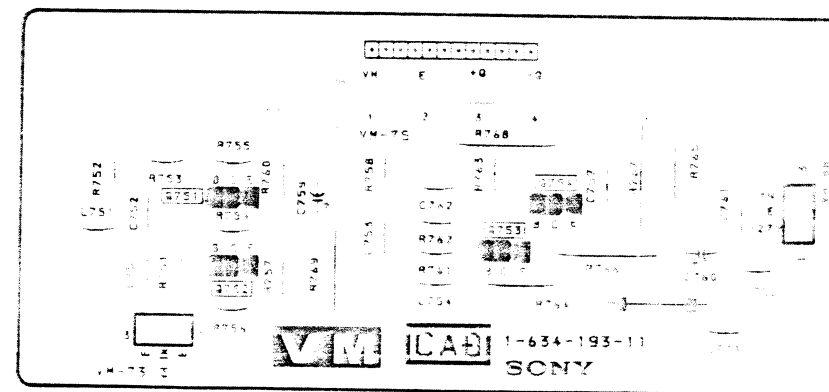
KV-C2571D/C2971D
RM-816

F [AC IN, POWER SW] **J3** [SPEAKER TERMINAL] **A** [TUNER, SIF, VIF] **VM** [VM AMP] **J1** [AUDIO CONTROL, AV INPUT, Y/C INPUT, SCART VIDEO OUT, EAST-WEST CORRECTION]

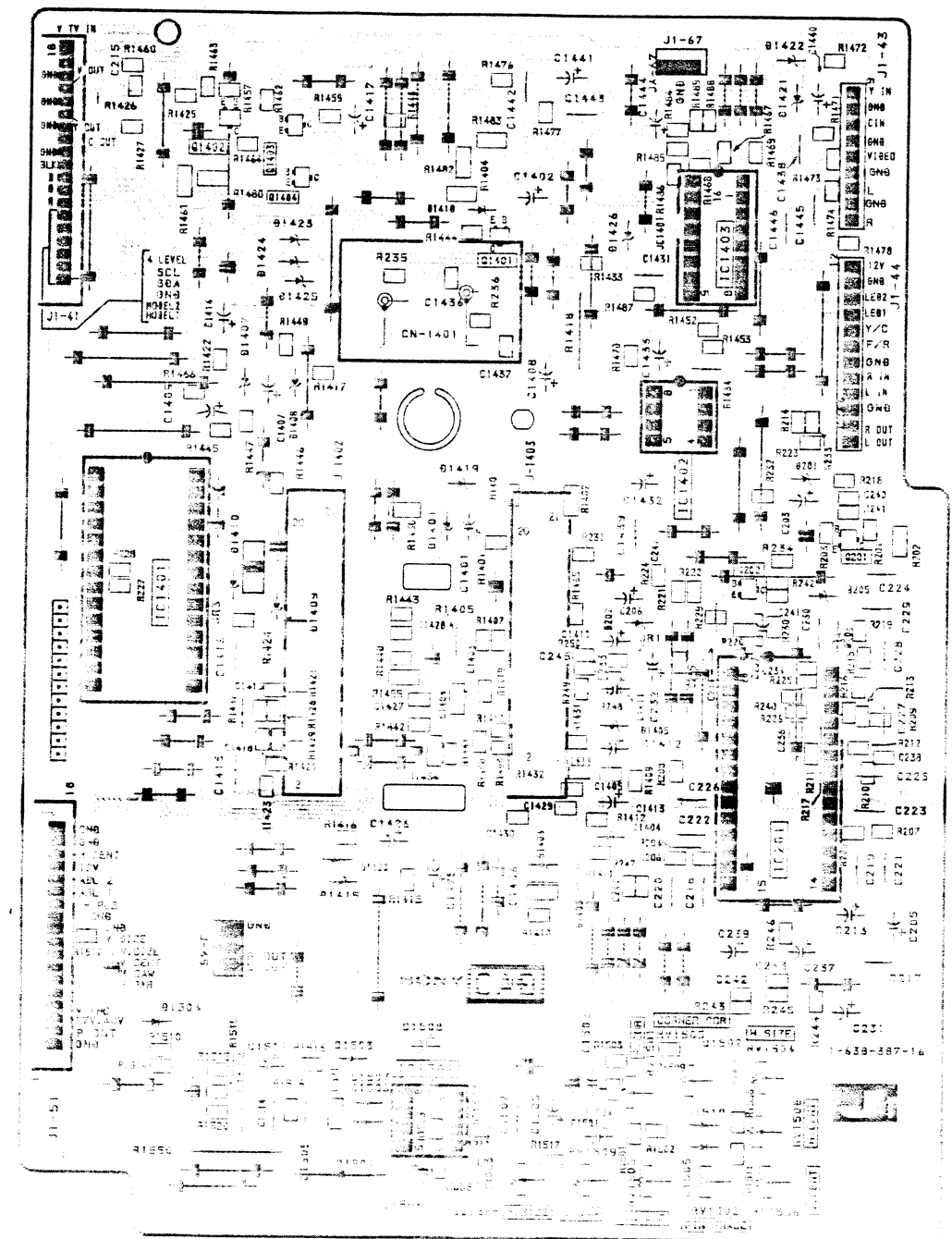
- A Board -

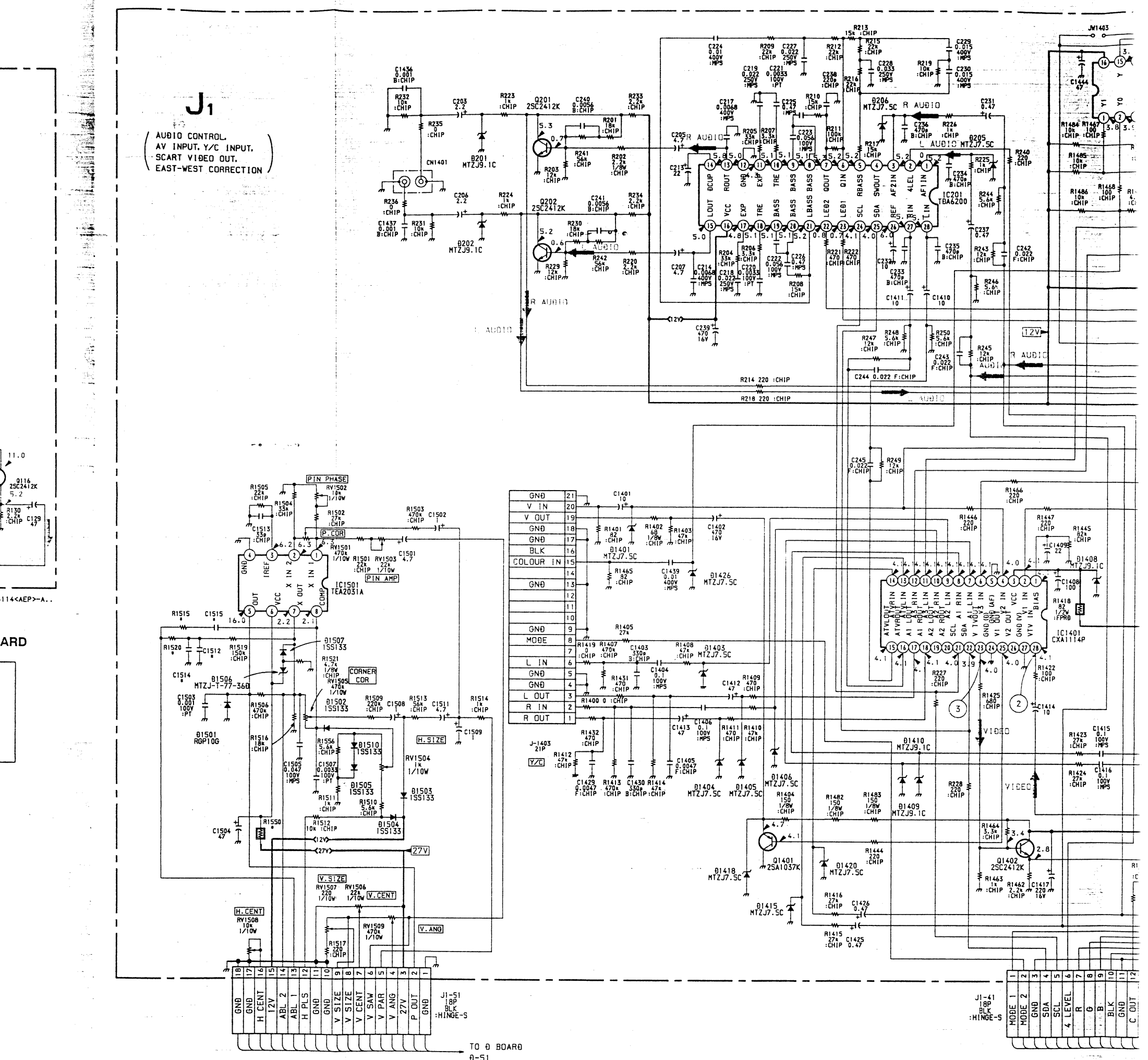


- VM Board - (29 INCH ONLY)



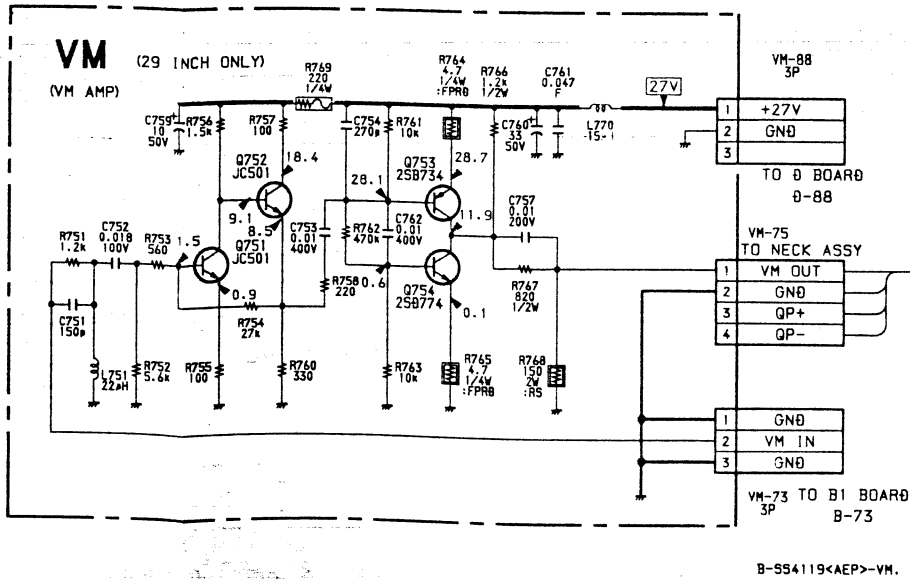
- J1 Board -



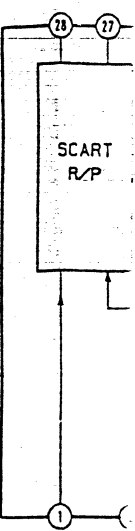


• VM BOARD

Q751	JC501	REF-AMP
Q752	JC501	REF-AMP
Q753	2S8734	PUSH-PULL OUT
Q754	2SD774	PUSH-PULL OUT



• J1 BOARD



- J1 BOARD

- WAVEFORMS J1 BOARD

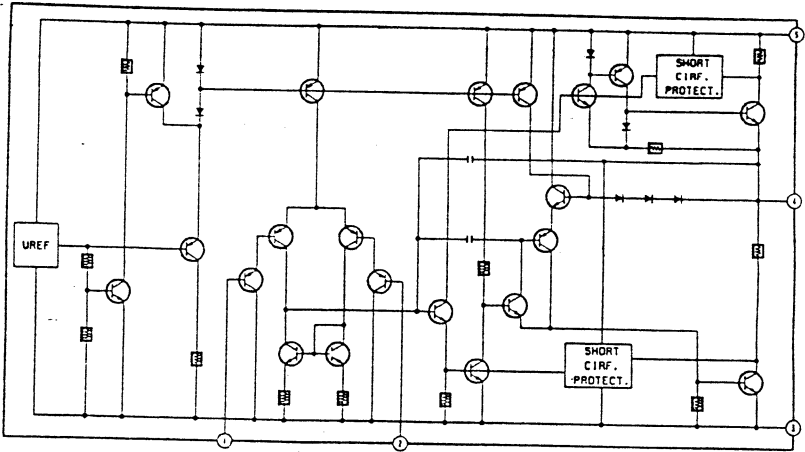
- J1 BOARD IC1401 CXA1114P

- J1 BOARD IC1402 TEA2014A

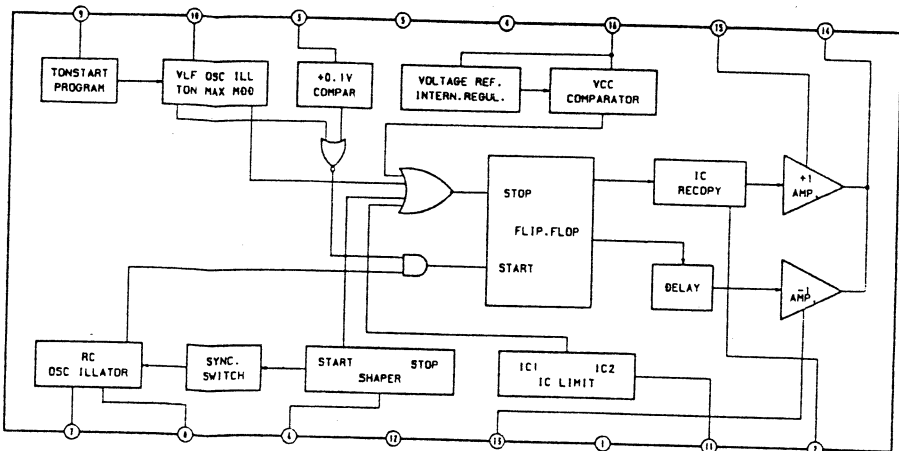
- J1 BOARD IC1403 MC14053BCP

- J1 BOARD IC1501 TEA2031A

• D BOARD IC251/261 TDA2050



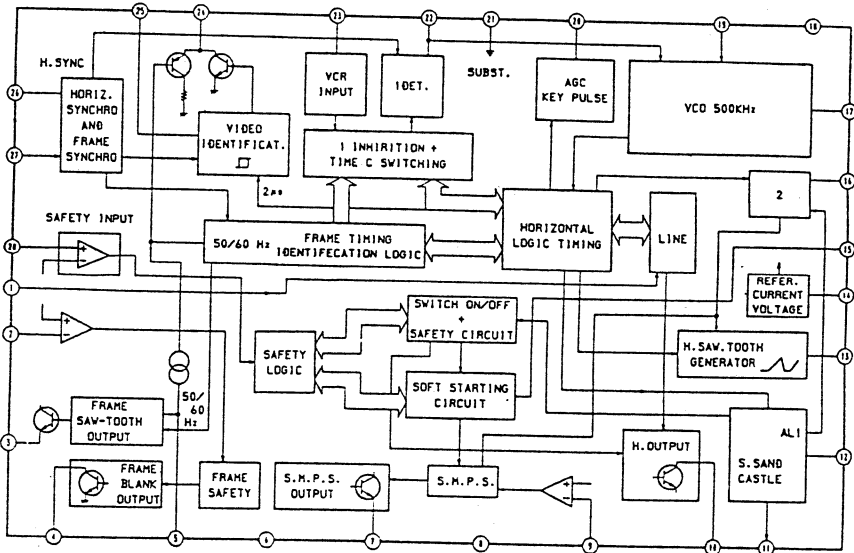
• D BOARD IC601 TEA2260



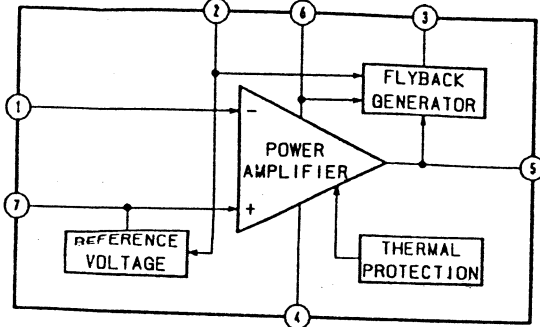
• D BOARD

IC001	SDA20560-A012	TI
IC002	MC14051BCP	ON
IC003	BA4558	AF
IC005	SDA2546	M
IC251	TDA2050	AL
IC261	TDA2050	AL
IC501	TEA2028B	DE
IC502	TDA8170	V
IC601	TEA2260	PF
IC604	TEA7605	+
IC608	MC7812CT	+

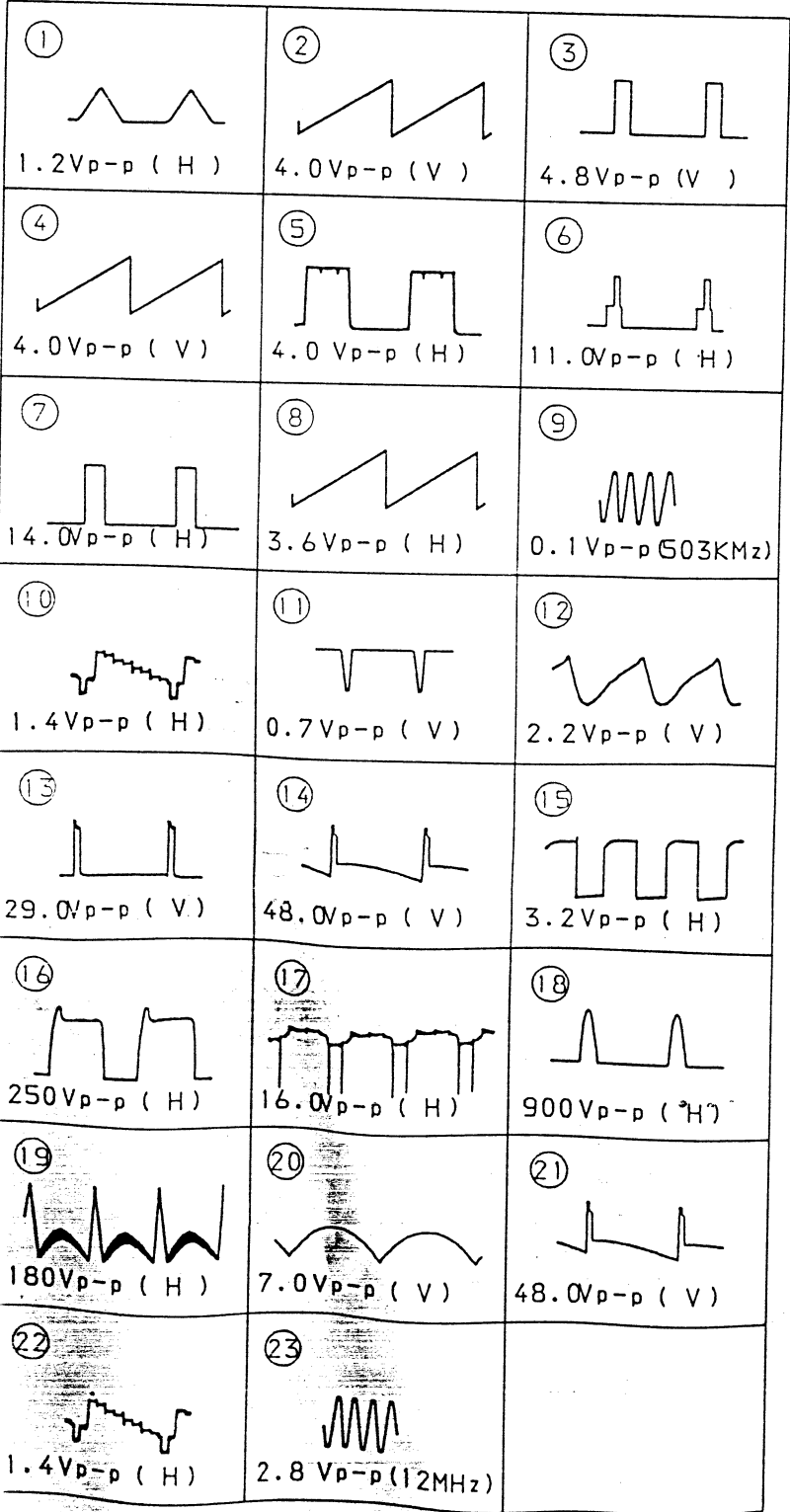
• D BOARD IC501 TEA2028B



• D BOARD IC502 TDA8170



• WAVEFORMS D BOARD

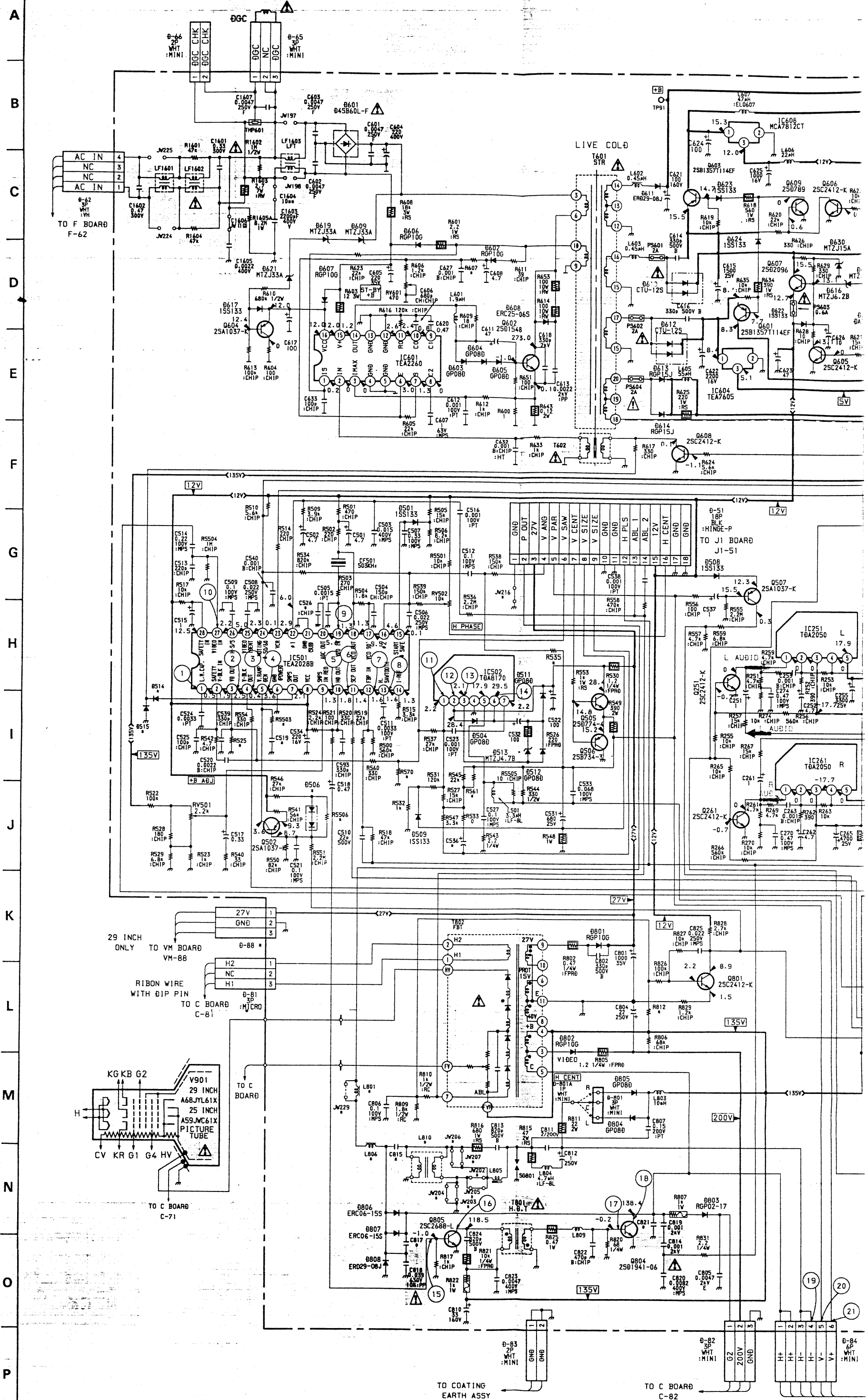


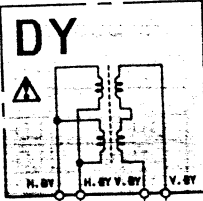
D BOARD * MARK

	25"	29"		25"	29"
C519	0.47	0.33	JW216	15mm	-
C526	27P	22P	JW229	10mm	-
C815	1 200V	0.82 200V			
C817	0.015 1.4KV	0.017 1.4KV	L801	-	3.9mH
C821	680P 2KV	470P 2KV	L806	DRAM CORE	HCC DUST
D-18	-	2.5MM PITCH	L810	(CDI)	CORE 3.9mH
D-88	-	3P		PMC	PMT
D271	MTZJ-12C	MTZJ-13B	R077	-	1K
D506	DA204K	-	R525	1K	-
D514	5mm JW	1SS133	R561	-	270K
D515	-	1SS133	R570	-	680
			R607	4.7K	5.6K
			R631	27K 2W	-
JW202	-	5mm	R812	68K 1/2W	51K 1/2W
JW203	5mm	-	R5503	4.7	10
JW204	5mm	-	R5506	-	12K
JW205	-	5mm			
JW206	5mm	-			
JW207	5mm	-			

D001	MTZJ6.8C	PROT
D002	MTZJ6.8C	PROT
D003	1SS133	HUE
D005	MTZJ5.6B	PROT
D006	MTZJ33A	VC V
D007	MTZJ3.9B	PLOT
D009	MTZJ5.6B	CLIPP
D010	MTZJ6.2B	PROT
D011	MTZJ6.2B	PROT
D012	1SS133	PROT
D013	MTZJ6.8C	PROT
D271	MTZJ13B	VOLTA
D272	1SS133	DECOL
D501	1SS133	STAR
D504	GP08D	V PUL
D506	DA204K	CURRE
D508	1SS133	CANAL
D509	1SS133	V LIN
D511	GP08D	PROT
D512	GP08D	PROT
D513	MTZJ4.7B	PROT
D514	1SS133	PROT
D515	1SS133	PROT
D601	D4SB60L-F	AC RE
D602	RGP10G	REF R
D603	GP08D	SMPS
D604	GP08D	SMPS
D605	GP08D	SMPS
D606	RGP10G	+ 12V
D607	RGP10G	REF RE
D608	ERC25-06S	PLUSE
D609	MTZJ33A	FAST C
D610	CTU-12S	+ 14V F
D611	ERD29-08J	+ 135V
D612	CTU-12S	+ 7V R
D613	RGP15J	AF V F
D614	RGP15J	AF V F
D616	MTZJ6.2B	+ 12V F
D617	1SS133	PROT
D618	MTZJ5.6B	+ 12V F
D619	MTZJ33A	FAST C
D620	DA204K	+ 12V F
D621	MTZJ33A	FAST O
D622	1SS133	PROT
D623	1SS133	DECOUPL
D624	1SS133	DECOUPL
D630	MTZJ15A	+ 12V F
D801	RGP10G	+ 27V F
D802	RGP10G	+ 200V
D803	RGP02-17	G2 RECT
D804	GP08D	H CENTE
D805	GP08D	H CENTE
D806	ERC06-15S	H DAMP
D807	ERC06-15S	H DAMP
D808	ERD29-08J	PIN DAM

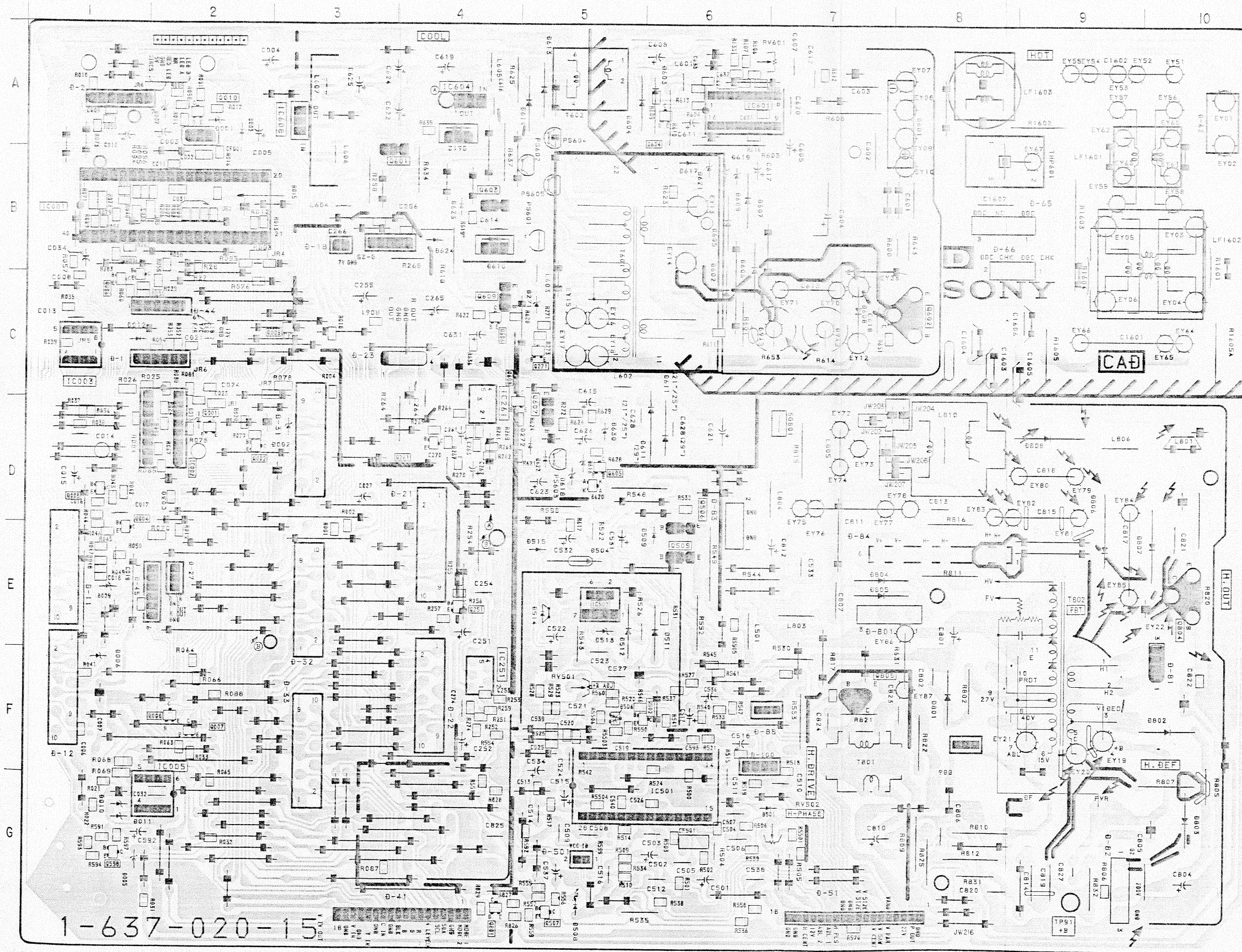
UNING CTL
 N SCREEN DISPLAY
 FT COMPARATOR
 Y MEMORY
 JUDIO OUT (L)
 JUDIO OUT (R)
 EFLECTION PROCESSOR
 OUT
 RIMARY SMRS CTL
 5V REG
 12V REG
 /60Hz SW
 K SW
 /NC SEPARATOR
 /NC SEPARATOR
 /C SW
 RONT/REAR SW
 ODE 2 SW
 ODE 1 SW
 UTE SW
 ESET
 JUDIO MUTE
 JDO MUTE
 LTAGE DETECT
 Nstant CURRENT SOURCE
 CENT
 CENT
 ANAL + BLK
 DEO AMP
 TBY SW
 EG OUT
 TBY SW
 AST ON/OFF
 TBY SW
 TBY SW
 12V REG
 TBY SW
 TBY SW
 BL AMP
 OUT
 DRIVER
 ROTECT
 ROTECT
 JE CTL
 ROT
 C VOLTAGE REGULATION
 OT RESET
 IPPING SYNC LEVEL
 ROT
 ROT
 ROT
 ROT
 LTAGE DETECT
 COUPLING MUTE AUDIO
 ART
 PULSE OUT
 RRENT (25 INCH ONLY)
 ANAL + BLK LEVEL
 LIN
 ROT
 ROT
 ROT
 OT (29 INCH ONLY)
 OT (29 INCH ONLY)
 RECT
 F RECT
 PS DRIVE 1
 PS DRIVE 2
 PS DRIVE 3
 12V RECT
 F RECT
 USE CLIPPER
 ST ON/OFF
 14V RECT
 135V RECT
 V RECT
 V RECT 1
 V RECT 2
 2V REG
 OT
 2V REF
 ST ON/OFF 2
 2V REF
 ST ON/OFF 3
 OT
 COUPLING STBY
 COUPLING STBY
 2V RECT
 27V RECT
 00V RECT
 RECT
 CENTER 1
 CENTER 2
 DAMPER 1
 DAMPER 2
 DAMPER



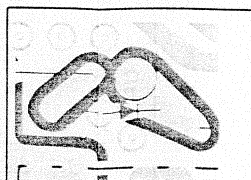


D [TUNING CONTROL, POWER CONTROL,
AUDIO OUT, H/V OUT]

- D Board -



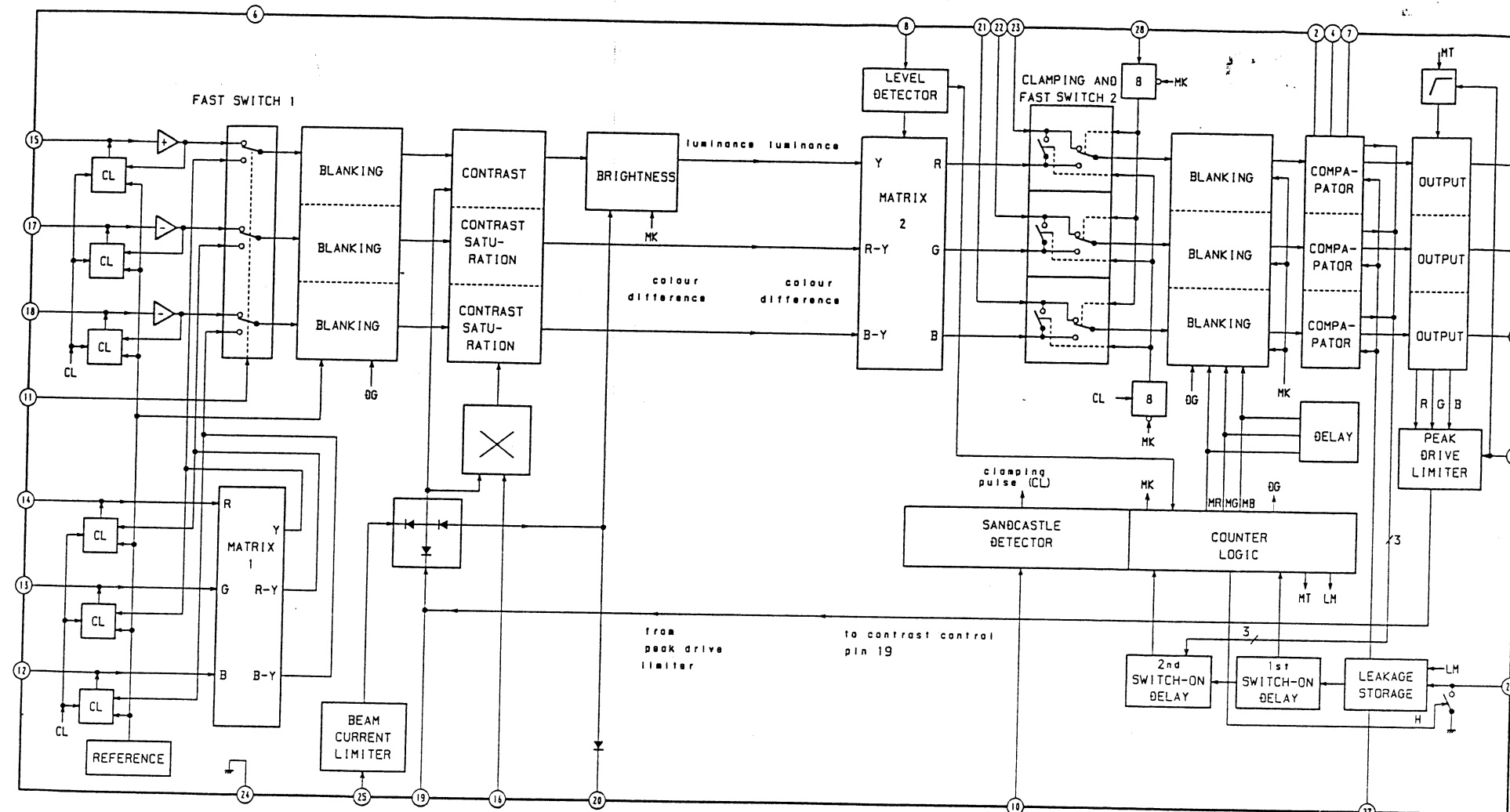
IC		D012	C-1
IC001	B-2	D013	D-2
IC002	D-2	D271	C-5
IC003	C-1	D272	D-5
IC005	G-2	D501	G-7
IC251	F-4	D504	E-5
IC261	D-4	D508	G-5
IC501	G-6	D509	E-6
IC502	E-5	D511	E-6
IC601	A-6	D512	E-5
IC604	A-4	D513	E-5
IC608	A-3	D514	E-5
		D515	E-5
		D601	A-8
		D602	C-6
		D603	A-6
		D604	A-5
		D605	B-6
		D606	B-6
		D607	B-6
		D608	C-7
		D609	B-6
		D610	B-4
		D611	D-6
		D612	A-4
		D613	A-5
		D614	A-5
		D616	D-5
		D617	B-6
		D618	D-5
		D619	B-6
		D620	D-5
		D621	B-6
		D622	D-5
		D623	B-4
		D624	B-4
		D630	D-5
		D801	F-8
		D802	F-10
		D803	G-3
		D804	E-7
		D805	E-7
		D806	E-9
		D807	E-10
		D808	D-9
TRANSISTOR		VARIABLE RESISTOR	
Q001	D-2	RV501	F-5
Q002	D-2	RV502	G-7
Q003	D-1	RV601	A-6
Q004	E-1		
Q005	C-1		
Q006	C-1		
Q007	F-2		
Q008	F-2		
Q009	C-3		
Q010	A-2		
Q251	E-4		
Q261	D-4		
Q271	C-5		
Q502	F-6		
Q505	E-6		
Q506	E-6		
Q507	G-5		
Q598	G-1		
Q601	B-3		
Q602	C-8		
Q603	B-4		
Q604	A-6		
Q605	D-5		
Q606	C-4		
Q607	D-5		
Q608	C-4		
Q609	C-4		
Q801	G-4		
Q804	E-10		
Q805	F-7		
DIODE		TP	
D001	A-2	TP91	G-9
D002	D-3		
D003	A-2		
D005	G-1		
D006	F-1		
D007	A-2		
D009	E-1		
D010	G-1		
D011	G-1		

NOTE
The c
600 V
inspec

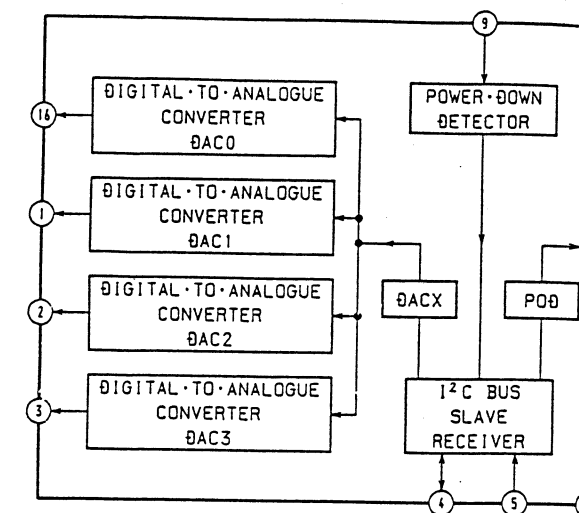
NOTE:

The circuit indicated as left contains high voltage of over 600 Vp-p. Care must be paid to prevent an electric shock in inspection or repairing.

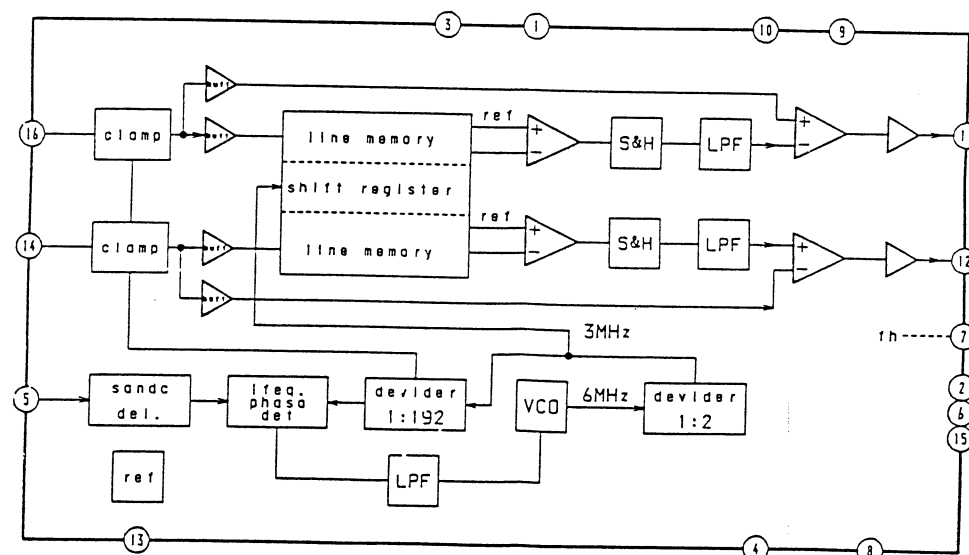
• B1 BOARD IC301 TDA4580-V7



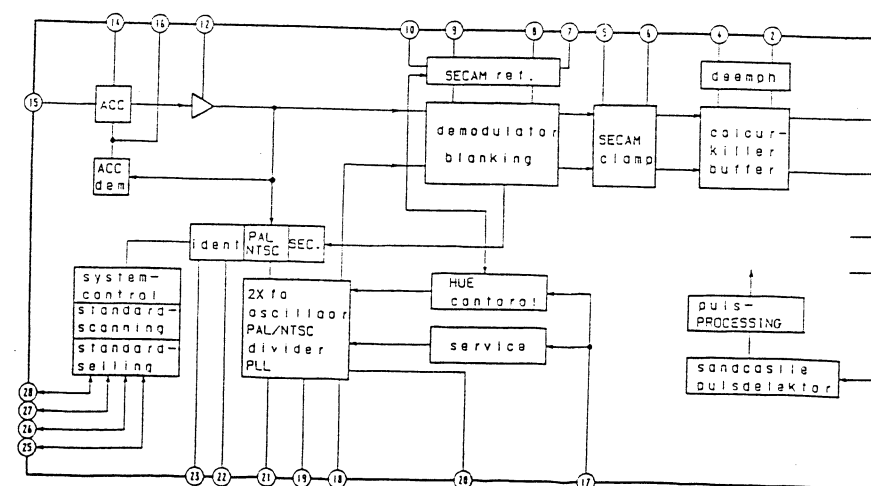
• B1 BOARD IC302 TDA8442-N3



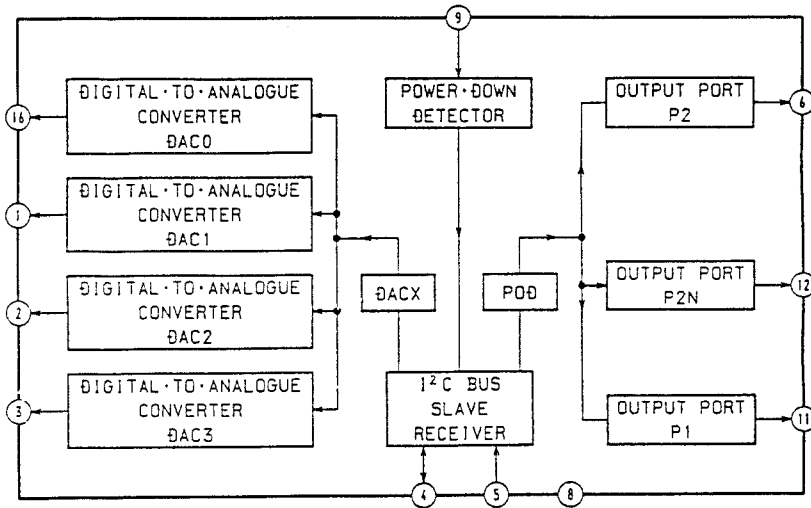
• B1 BOARD IC303 TDA4660T



• B1 BOARD IC304 TDA4650WP

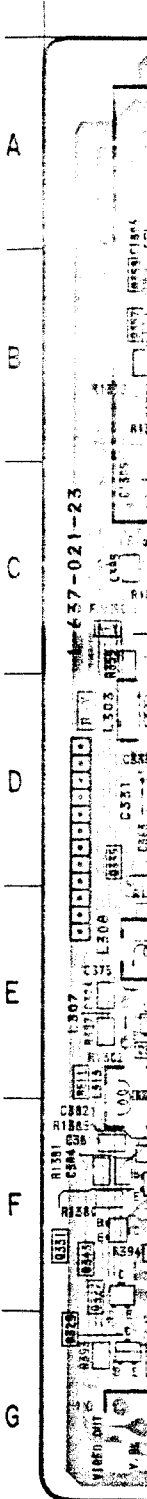


• B1 BOARD IC302 TDA8442-N3



- B1 Board -

IC		Q365 A-5	
IC301	F-3	Q366	D-3
IC302	D-4	Q367	E-8
IC303	D-7	Q368	E-8
IC304	D-9	Q369	E-8
IC305	C-4	Q370	E-8
IC306	F-9	Q371	D-7
IC308	F-2	Q372	D-7
IC310	A-7	Q373	E-8
IC311	A-6	Q1301	E-3
IC312	A-9	Q1302	E-3
IC313	A-8	Q1303	F-3
IC315	A-9	DIODE	
TRANSISTOR		D301	E-7
Q301	G-3	D304	G-6
Q302	G-3	D305	F-6
Q303	G-3	D307	F-8
Q304	G-4	D308	F-8
Q305	E-4	D309	F-8
Q306	G-2	D310	E-7
Q307	G-4	D311	E-7
Q308	F-3	D312	E-7
Q310	C-1	D314	E-7
Q311	C-2	D318	E-7
Q320	D-3	D319	E-7
Q321	C-3	D320	E-7
Q322	C-3	D321	D-7
Q323	C-3	D322	F-2
Q324	C-3	D330	D-7
Q327	F-1	D331	F-8
Q328	G-1	D333	E-9
Q329	G-1	D336	C-9
Q330	G-2	D340	B-9
Q331	F-1	D341	B-9
Q332	G-2	VARIABLE RESISTOR	
Q333	F-2	RV301	C-9
Q334	D-2	TRIMMER	
Q335	D-1	CT301	C-8
Q336	D-2	CT302	C-8
Q337	D-2	COIL	
Q338	E-1	L303	D-9
Q339	E-2	L308	E-9
Q340	F-2	L312	E-9
Q341	E-1	L313	F-9
Q342	E-2		
Q343	F-1		
Q344	E-1		
Q345	F-1		
Q346	D-3		
Q347	F-1		
Q348	F-2		
Q350	B-3		
Q352	B-2		
Q353	B-1		
Q354	B-1		
Q355	C-2		
Q356	C-1		
Q357	B-1		
Q358	B-1		
Q359	B-1		
Q360	B-3		
Q361	C-3		
Q362	B-4		
Q363	B-5		
Q364	B-5		

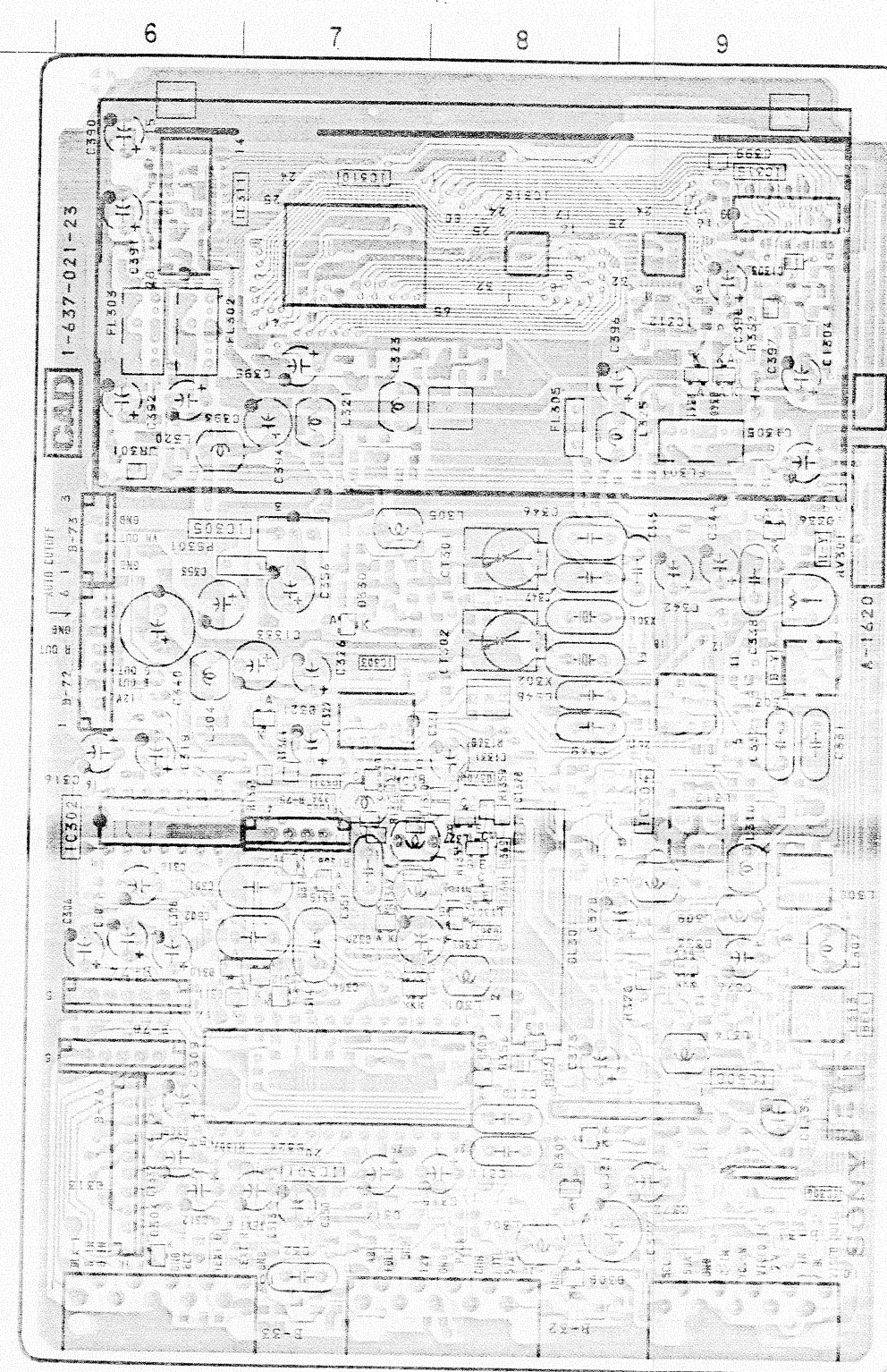
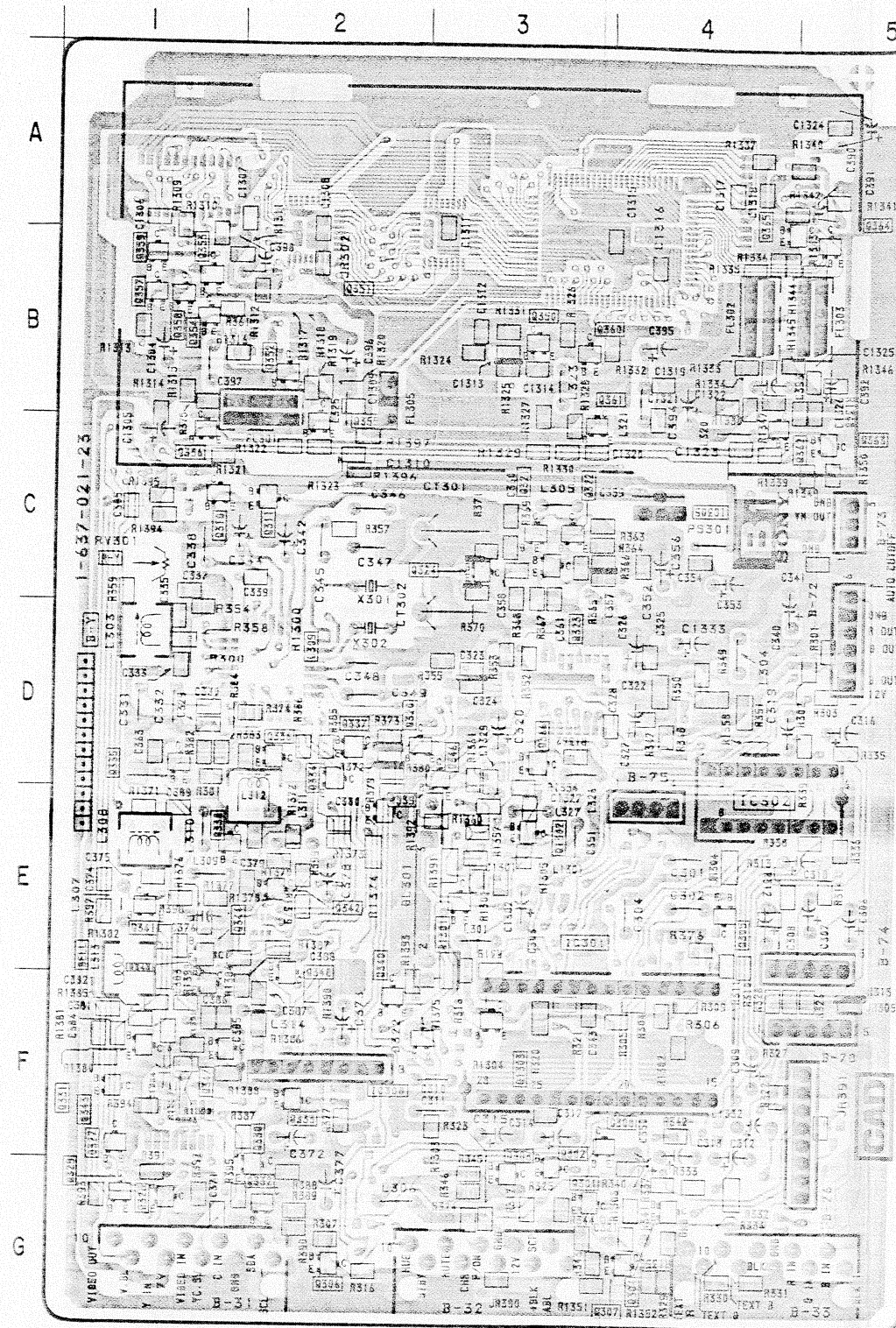


B1VIDEO PROCESSOR, COLOR PROCESSOR,
Y/C SW, D/A CONVERTER, MEMORY,
A/D CONVERTER**K**

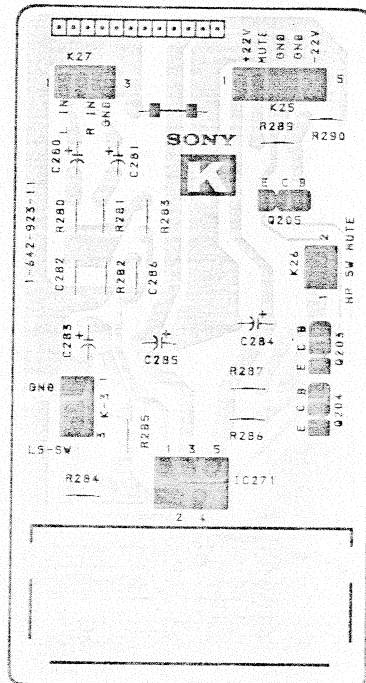
[AUDIO OUT]

- B1 Board -

IC		Q365	A-5
IC301		Q366	D-3
IC302		Q367	E-8
IC303		Q368	E-8
IC304		Q369	E-8
IC305		Q370	E-8
IC306		Q371	D-7
IC308		Q372	D-7
IC310		Q373	E-8
IC311		Q1301	E-3
IC312		Q1302	E-3
IC313		Q1303	F-3
IC315			
TRANSISTOR		DIODE	
Q301	G-3	D301	E-7
Q302	G-3	D304	G-6
Q303	G-3	D305	F-6
Q304	G-4	D307	F-8
Q305	E-4	D308	F-8
Q306	G-2	D309	F-8
Q307	G-4	D310	E-7
Q308	F-3	D311	E-7
Q310	C-1	D312	E-7
Q311	C-2	D314	E-7
Q320	D-3	D318	E-7
Q321	C-3	D319	E-7
Q322	C-3	D320	E-7
Q323	C-3	D321	D-7
Q324	C-3	D322	F-2
Q327	F-1	D330	D-7
Q328	G-1	D331	F-8
Q329	G-1	D333	E-9
Q330	G-2	D336	C-9
Q331	F-1	D340	B-9
Q332	G-2	D341	B-9
Q333	F-2		
Q334	D-2	VARIABLE RESISTOR	
Q335	D-1	RV301	C-9
Q336	D-2	TRIMMER	
Q337	D-2	CT301	C-8
Q338	E-1	CT302	C-8
Q339	E-2		
Q340	F-2	COIL	
Q341	E-1	L303	D-9
Q342	E-2	L308	E-9
Q343	F-1	L312	E-9
Q344	E-1	L313	F-9
Q345	F-1		
Q346	D-3		
Q347	F-1		
Q348	F-2		
Q350	B-3		
Q352	B-2		
Q353	B-1		
Q354	B-1		
Q355	C-2		
Q356	C-1		
Q357	B-1		
Q358	B-1		
Q359	B-1		
Q360	B-3		
Q361	C-3		
Q362	B-4		
Q363	B-5		
Q364	B-5		

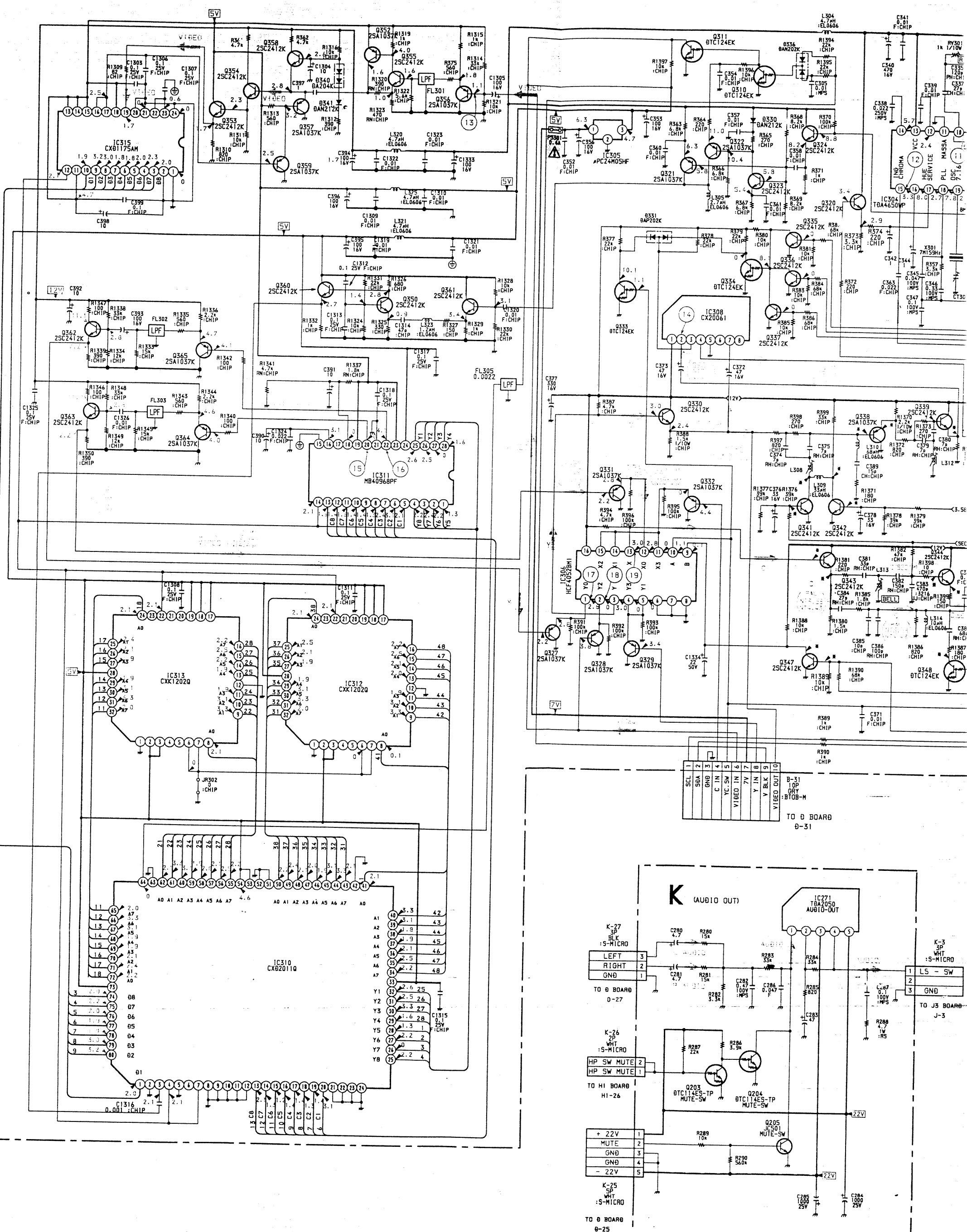


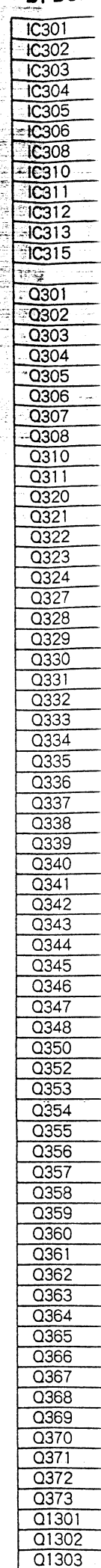
- K Board -



Note:

- Pattern from the side which enables seeing.
- Pattern of the rear side.





IC·NO	PIN·NO	PAL	SECAM	NTSC 3.38	NTSC 4.43
IC301	(1)	6.7	4.8	4.8	4.8
	(15)	8.9	7.0	7.0	7.0
	(19)	3.4	3.4	3.8	3.4
	(24)	6.6	6.6	6.0	6.3
IC304	(1)	0.1	6.8	6.9	5.8
	(5)	9.9	0	9.9	9.3
	(7)	4.6	0	4.6	4.6
	(8)	3.4	3.0	3.4	3.4
	(9)	3.4	3.0	3.4	3.4
	(14)	4.6	3.4	4.6	4.6
	(11)	2.3	3.1	3.1	2.3
	(11)	5.6	5.6	5.6	7.4
	(12)	7.5	7.5	5.7	5.7
	25	0.1	0.1	0.1	6.0
	26	0.1	0.1	6.0	0.1
	27	0.1	6.0	0.1	0.1
	28	6.0	0.1	0.1	0.1

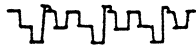




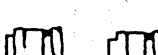
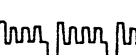



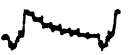
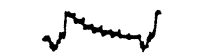




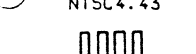



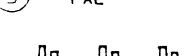
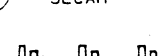
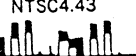

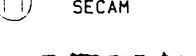
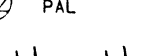
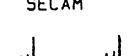
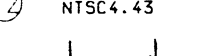
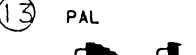
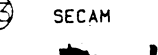
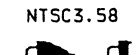
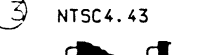


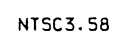
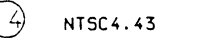

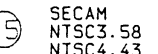


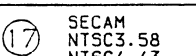
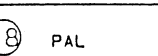
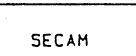
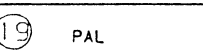
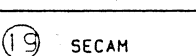
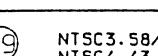
Q · NO		PAL	SECAM	NTSC 3.38	NTSC 4.43
Q338	B	2.4	3.9	3.9	3.9
	E	3.0	4.6	4.6	4.6
Q 39	B	3.0	4.6	4.6	4.6
	E	2.4	3.9	3.9	3.9
Q341	B	0	0.6	0.4	0.1
	C	11.7	0	11.6	11.6
Q342	B	0	0	0.4	0
	C	11.7	0	11.7	11.7
Q343	B	3.4	5.4	5.3	5.3
	E	2.8	4.7	4.7	4.7
Q344	B	0	5.4	1.0	0.1
	E	4.4	4.8	1.5	4.5
Q345	B	5.0	0.1	1.9	5.0
	E	4.4	4.4	1.4	4.4
Q347	B	0.6	0	0	0
	C	0.1	11.9	11.9	11.9
Q348	B	0.1	0.1	1.0	0.1
	C	1.3	0.2	0.2	0.4

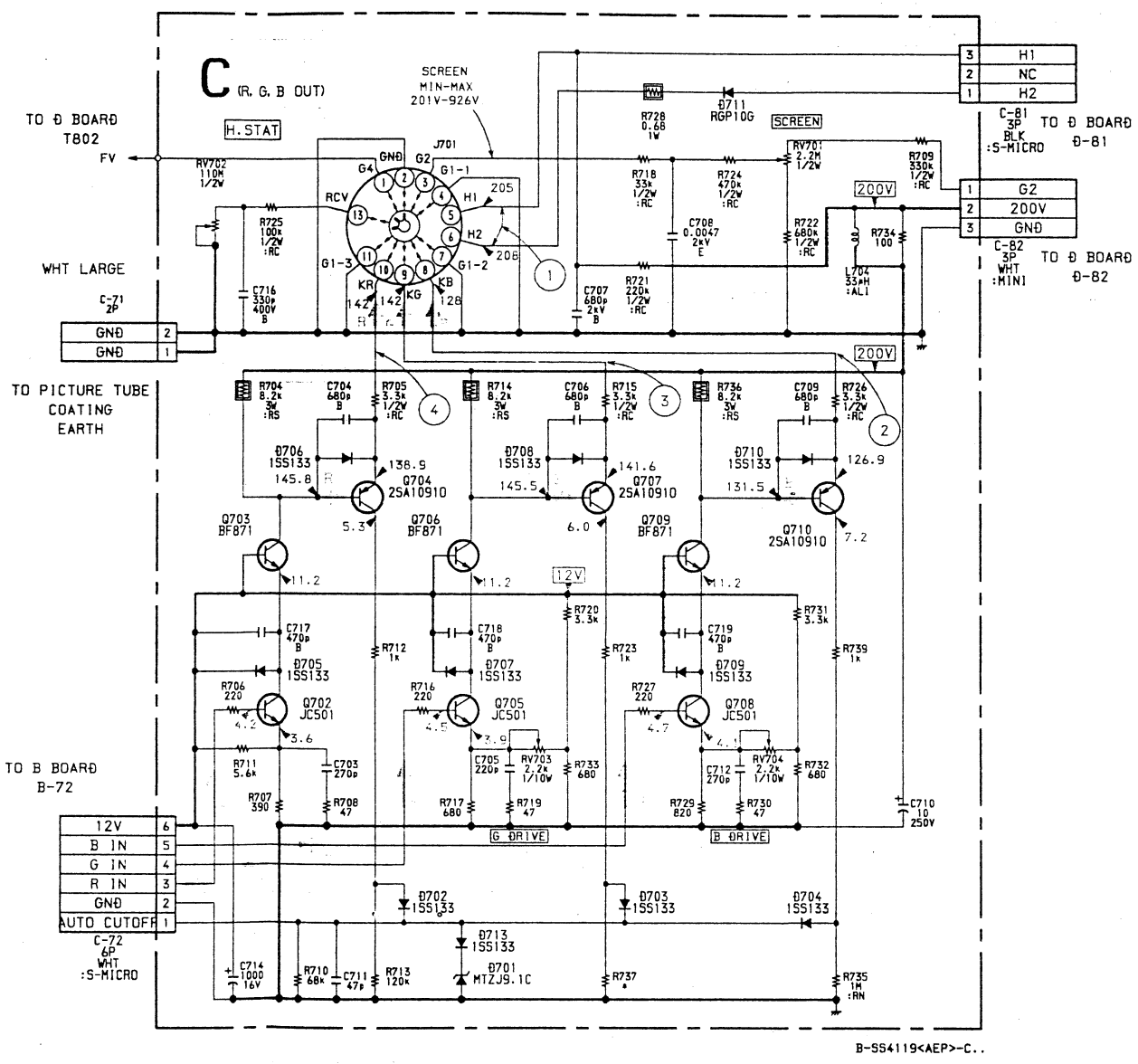
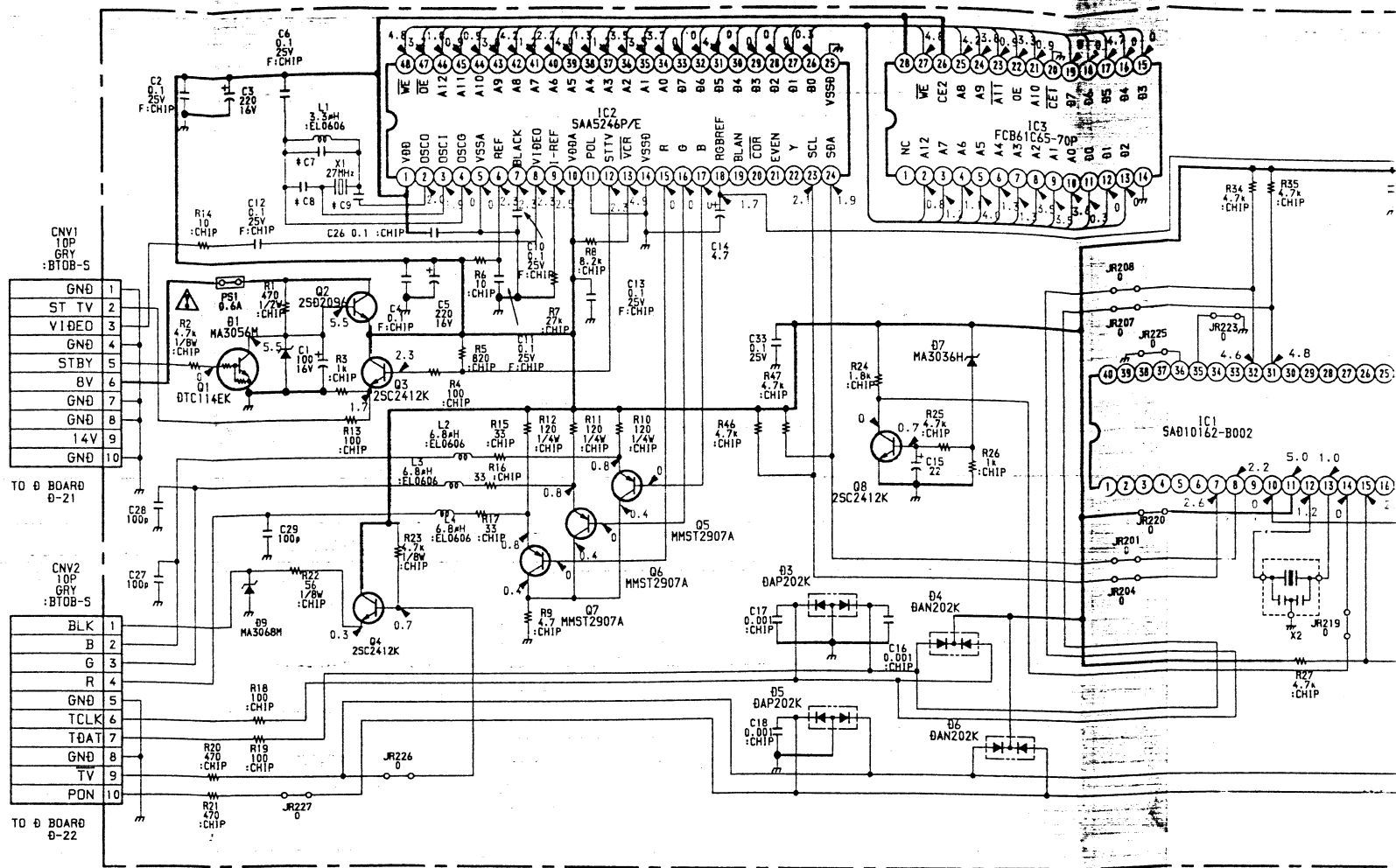
	25"	29"
B-73	-	3P
R340	270K 1/10W	220K 1/10W
R343	270 1/10W	1.8K 1/10W
R1308	0 1/10W	4.7K 1/10W

B1 BOARD

IC301	TDA4580-V7	VIDEO PROCESSOR
IC302	TDA8442-N3	D/A CONVERTER
IC303	TDA4660T	1H DELAY
IC304	TDA4650WP	COLOR PROCESSOR
IC305	μ PC24M05HF	REGULATOR
IC306	HCF4052BM	Y/C SW
IC308	CX20061	Y SW
IC310	CXD2011Q-TL	COMB CONTROL
IC311	MB40968PF	D/A CONVERTER
IC312	CXK1202Q-T4	MEMORY
IC313	CXK1202Q-T4	MEMORY
IC315	CXD1175AM-T6	A/D CONVERTER
Q301	2SC2412K	CANAL + BLK
Q302	2SC2412K	ON SCREEN DISPLAY SW
Q303	2SC2412K	FAS PICTURE MUTE SW
Q304	2SC2412K	ON SCREEN DISPLAY SW
Q305	DTA144EK	ANTI PRIORITY SCART
Q306	2SC2412K	STBY SW
Q307	2SC2412K	ABL
Q308	DTC124EK	NUTE
Q310	DTC124EK	SECAM SW
Q311	DTC124EK	SECAM SW
Q320	2SC2412K	HUE BUFFER
Q321	2SA1037K	CLK AMP 3
Q322	2SA1037K	CLK AMP 2
Q323	2SC2412K	CLK AMP 1
Q324	2SC2412K	CLK BUFFER
Q327	2SA1037K	Y OUT
Q328	2SA1037K	VIDEO IN
Q329	2SA1037K	Y IN
Q330	2SC2412K	VIDEO BUFFER
Q331	2SA1037K	C CUT
Q332	2SA1037K	C IN
Q333	DTC124EK	Y/C SW
Q334	DTC124EK	Y SW
Q335	2SC2412K	SECAM SW
Q336	2SC2412K	NTSC3.58 SW
Q337	2SC2412K	NTSC4.43 SW
Q338	2SA1037K	Y BUFFER
Q339	2SC2412K	Y BUFFER
Q340	2SC2412K	Y BUFFER
Q341	2SC2412K	SECAM TRAP SW
Q342	2SC2412K	NTSC TRAP SW
Q343	2SC2412K	C OUT
Q344	2SC2412K	SECAM SW
Q345	2SC2412K	PAL/SECAM SW
Q346	2SC2412K	Y IN
Q347	2SC2412K	PAL SW
Q348	DTC124EK	NTSC3.58 SW
Q350	2SC2412K	CLK AMP
Q352	2SA1037K	VIDEO AMP
Q353	2SC2412K	BUFFER
Q354	2SC2412K	BUFFER
Q355	2SC2412K	VIDEO AMP
Q356	2SA1037K	VIDEO BUFFER
Q357	2SA1037K	CLAMP BIAS
Q358	2SC2412K	VIDEO CLAMP
Q359	2SA1037K	CLAMP BIAS
Q360	2SC2412K	CLK BUFFER
Q361	2SC2412K	CLK AMP
Q362	2SC2412K	Y BUFFER
Q363	2SC2412K	C BUFFER
Q364	2SA1037K	C BUFFER
Q365	2SA1037K	Y BUFFER
Q366	2SC2412K	SHP BUFFER
Q367	2SC2412K	Y BUFFER
Q368	2SC2412K	SHP AMP
Q369	2SC2412K	SHP AMP
Q370	2SC2412K	SHP AMP
Q371	2SC2412K	VM BUFFER
Q372	2SC2412K	VM AMP
Q373	DTC124EK	
Q1301	DTC124EK	Y BUFFER
Q1302	2SC2412K	Y BUFFER
Q1303	DTC124EK	VM MUTE
D301	IMN10	ACO AT STBY
D304	DAN212K	PROTECT
D305	DAN212K	PROTECT
D307	MA3110M	PROTECT
D308	DAN212K	PROTECT
D309	DAN212K	PROTECT
D310	MA3110M	PROTECT
D311	MA3110M	PROTECT
D312	MA3110M	PROTECT
D314	DA204K	PROTECT
D318	DA204K	PROTECT
D319	DA204K	PROTECT
D320	DA204K	PROTECT
D321	MA3056M	REG
D322	DAN202K	PROTECT
D330	DAN212K	BIAS
D331	DAP202K	Y/C SW
D333	IMN10	SYSTEM SW
D336	DAN202K	CORRECT SW
D340	DA204K	VIDEO AMP
D341	DAN212K	VIDEO AMP

• WAVEFORMS B1 BOARD

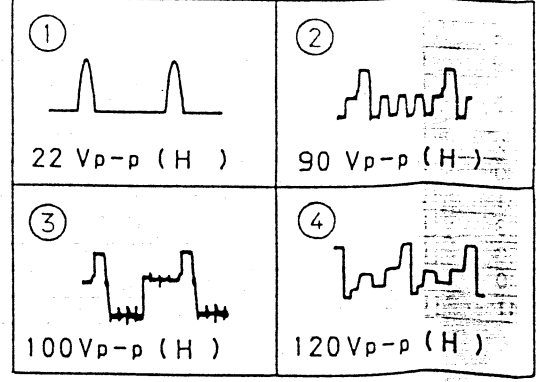
① PAL  5.4Vp-p (H)	① SECAM  4.8Vp-p (H)	① NTSC3.58/ NTSC4.43  5.6Vp-p (H)	② PAL  5.4Vp-p (H)
② SECAM  4.8Vp-p (H)	② NTSC3.58/ NTSC4.43  5.6Vp-p (H)	③ PAL  5.4Vp-p (H)	③ SECAM  5.0Vp-p (H)
③ NTSC3.58/ NTSC4.43  6.2Vp-p (H)	④  10.5Vp-p (H)	⑤ PAL  0.4Vp-p (H)	⑤ SECAM  0.3Vp-p (H)
⑤ NTSC3.58/ NTSC4.43  0.6Vp-p (H)	⑥ PAL/SECAM  1.1Vp-p (H)	⑥ NTSC3.58/ NTSC4.43  1.2Vp-p (H)	⑦ PAL/SECAM  1.4Vp-p (H)
⑦ NTSC3.58/ NTSC4.43  1.4Vp-p (H)	⑧ PAL  0.4Vp-p (H)	⑧ SECAM  1.0Vp-p (H)	⑧ NTSC3.58/ NTSC4.43  0.8Vp-p (H)
⑨ PAL  0.7Vp-p (H)	⑨ SECAM  1.4Vp-p (H)	⑨ NTSC3.58/ NTSC4.43  0.85Vp-p (H)	⑩ SECAM  0.2Vp-p (H)
⑪ SECAM  1.2Vp-p (H)	⑫ PAL  0.16Vp-p (H)	⑫ SECAM  0.2Vp-p (H)	⑫ NTSC3.58/ NTSC4.43  0.3Vp-p (H)
⑬ PAL  1.0Vp-p (H)	⑬ SECAM  0.8Vp-p (H)	⑬ NTSC3.58  0.9Vp-p (H)	⑬ NTSC4.43  0.95Vp-p (H)
⑭ PAL  0.8Vp-p (H)	⑭ SECAM  0.7Vp-p (H)	⑭ NTSC3.58  0.6Vp-p (H)	⑭ NTSC4.43  0.8Vp-p (H)
⑮ PAL  0.7Vp-p (H)	⑮ SECAM NTSC3.58 NTSC4.43  0.5Vp-p (H)	⑮  0.9Vp-p (H)	⑰ PAL  1.9Vp-p (H)
⑰ SECAM NTSC3.58 NTSC4.43  0.1Vp-p (H)	⑰ PAL  0.2Vp-p (H)	⑰ SECAM  0.8Vp-p (H)	⑰ PAL  0.6Vp-p (H)
⑰ SECAM  0.8Vp-p (H)	⑰ NTSC3.58/ NTSC4.43  0.9Vp-p (H)		



• C BOARD

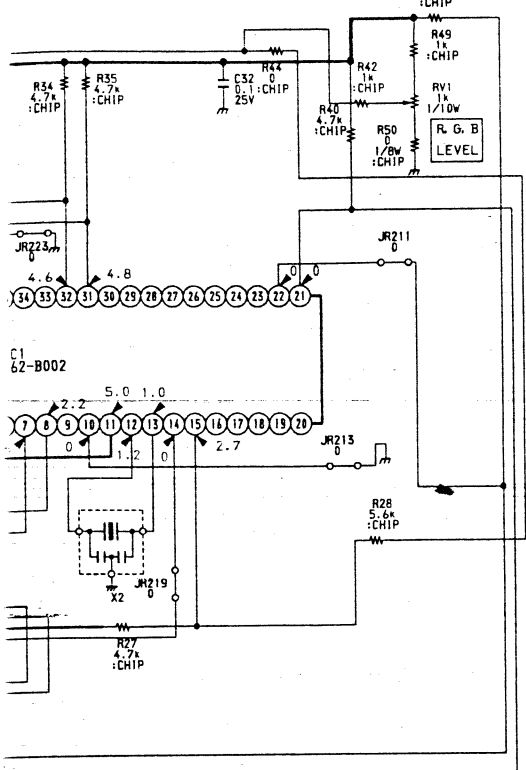
Q702	JC501	R DRIVE
Q703	BF871	R OUT
Q704	2SA10910	ACO MEASURING
Q705	JC501	G DRIVE
Q706	BF871	G OUT
Q707	2SA10910	ACO MEASURING
Q708	JC501	B DRIVE
Q709	BF871	B OUT
Q710	2SA10910	ACO MEASURING
D701	MTZJ9.1C	PROTECT
D702	1SS133	PROTECT
D703	1SS133	PROTECT
D704	1SS133	PROTECT
D705	1SS133	PROTECT
D706	1SS133	PROTECT
D707	1SS133	PROTECT
D708	1SS133	PROTECT
D709	1SS133	PROTECT
D710	1SS133	PROTECT
D711	RGPI0G	HEATING VOLTAGE REC
D713	1SS133	PROTECT

• WAVEFORMS C BOARD



C BOARD * MARK

	25"	29"
R737	820K	470K

V
(TEXT)

V BOARD * MARK

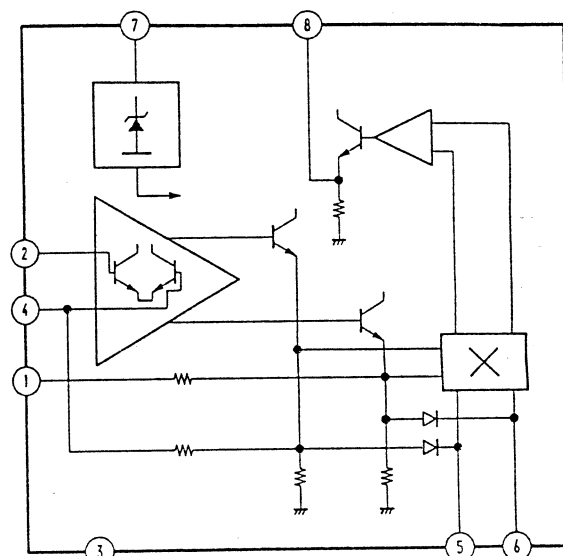
	25"	29"
C7	22P	-
C8	22P	-
C9	22P	-

• V BOARD

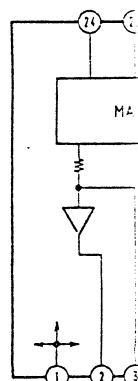
IC1	SDA20162-B002	MICRO-CONT
IC2	SAA5246P/E	IVT
IC3	FCB61C65-70P	STATIC-RAM
Q1	DTC114EK	STAD BY
Q2	2SD2096	5V REG
Q3	2SC2412K	SYNC BUFFER
Q4	2SC2412K	BLK OUT
Q5	MMST2907A	B OUT
Q6	MMST2907A	G OUT
Q7	MMST2907A	R OUT
Q8	2SC2412K	RESET
D1	MA3056M	5V REG
D3	DAP202K	PROTEC
D4	DAN202K	PROTEC
D5	DAP202K	PROTEC
D6	DAN202K	PROTEC
D7	MA3036H	PROTEC
D9	MA3068M	PROTEC

B-554119<AEP>-V..

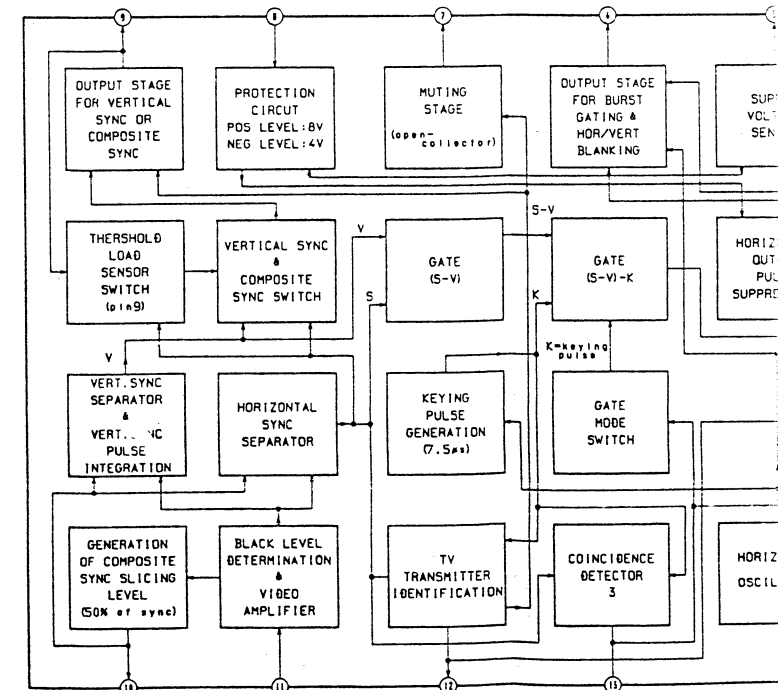
• IFG BOARD IC1/IC2 TBA129



• IFG BOA

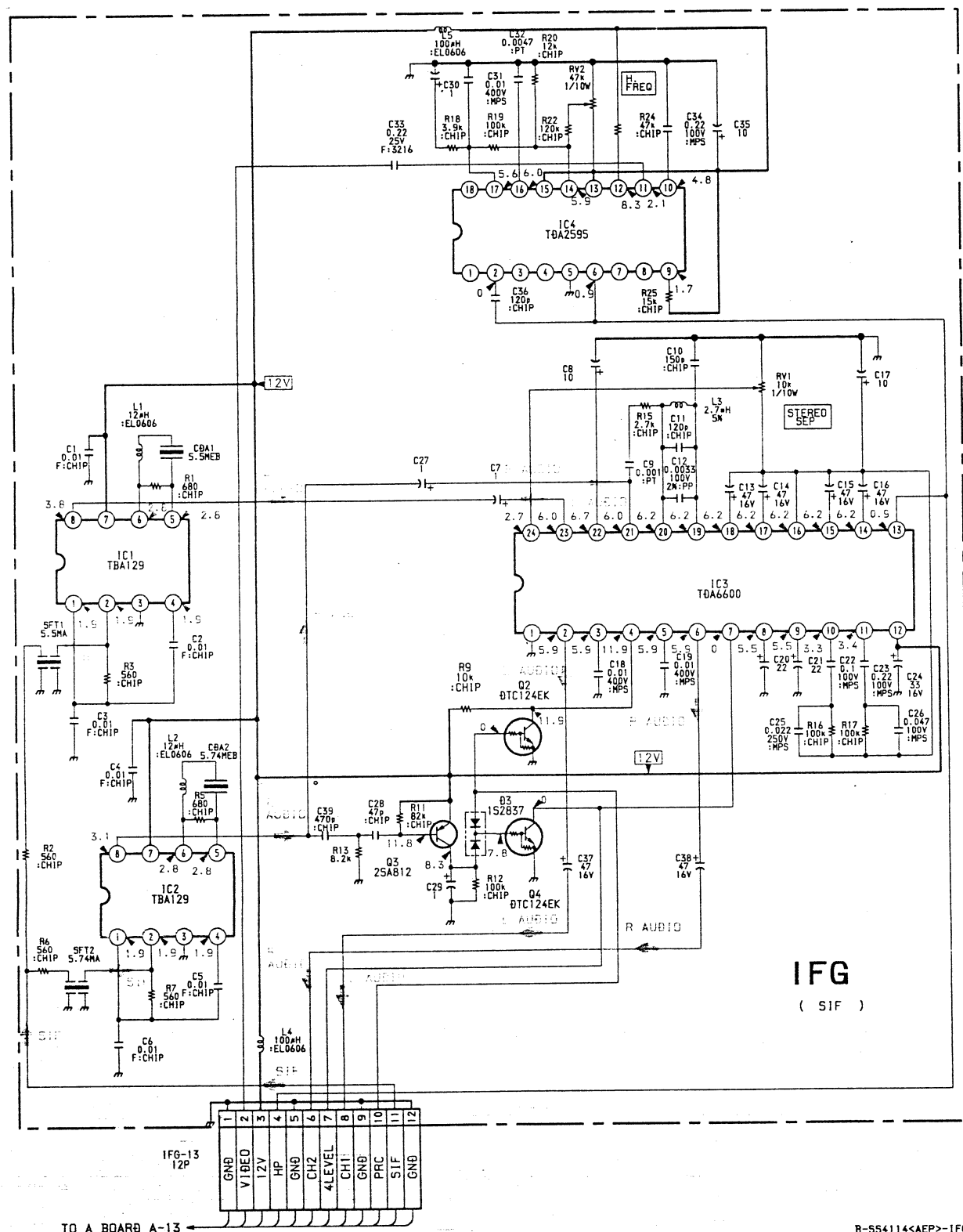


• IFG BOARD IC4 TDA2595



• IFG BOARD

IC1	TBA129	5.5 DET
IC2	TBA129	5.74 DET
IC3	TDA6600	SIF DET AMP
IC4	TDA2595	H. FEQ AMP
Q2	DTC124EK	SW
Q3	2SA812	SW
Q4	DTC124EK	SW
D3	1S2837	SW



TO A BOARD A-13

B-554114<AEP>-IFG

V

[TEXT]

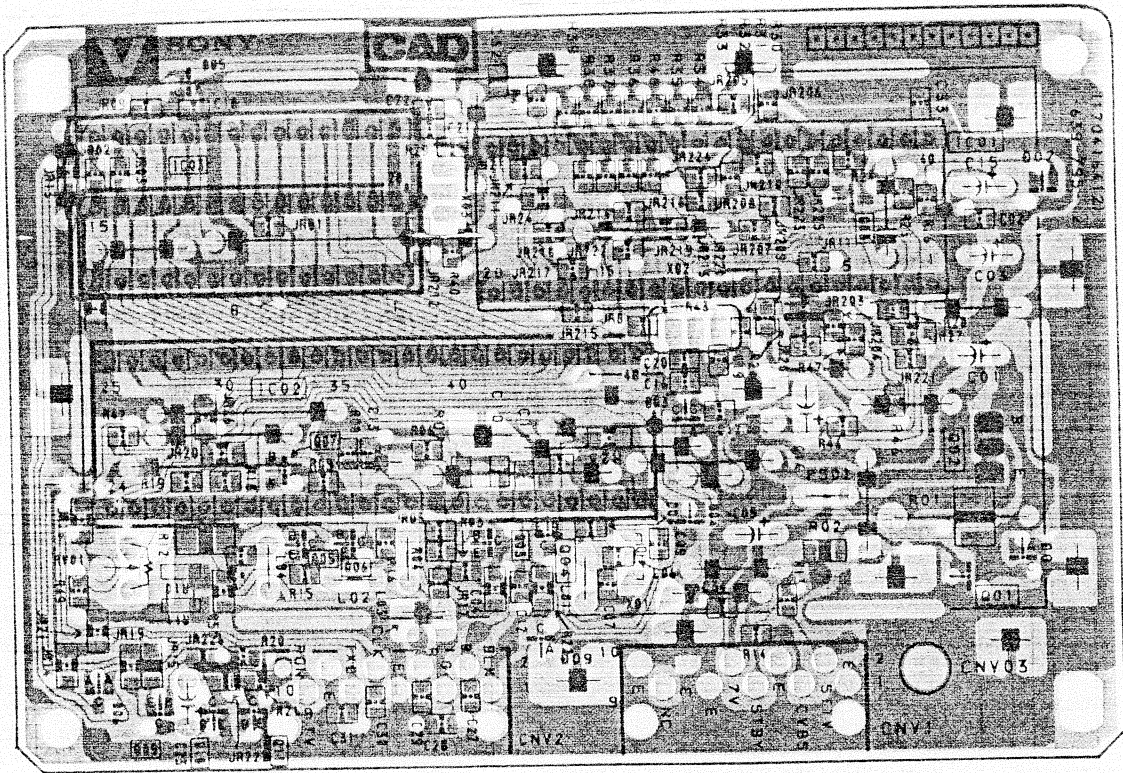
C

[R. G. B OUT]

IFG

[SIF]

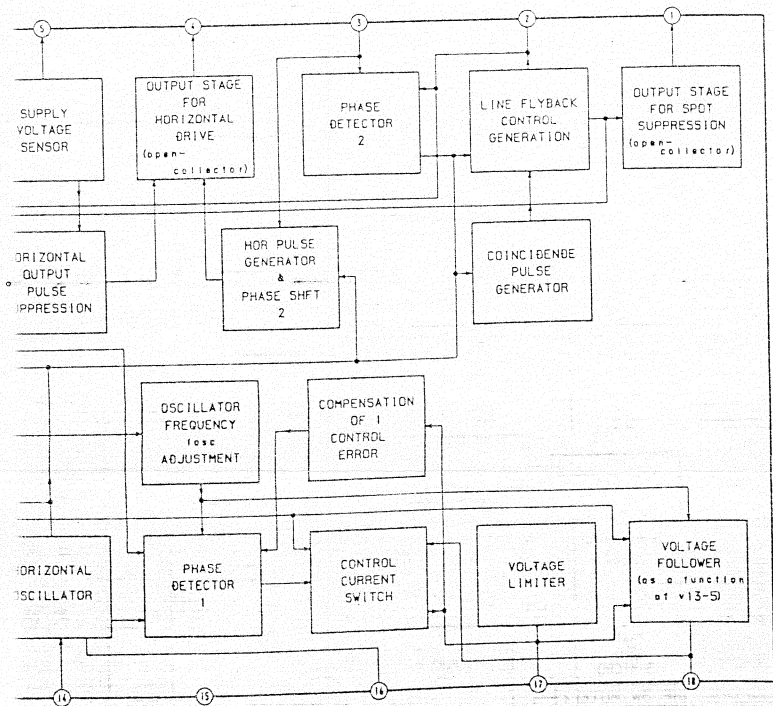
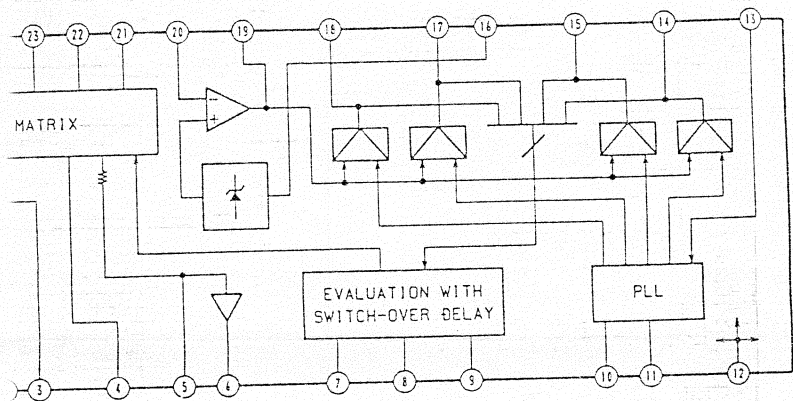
- V Board -



Note :

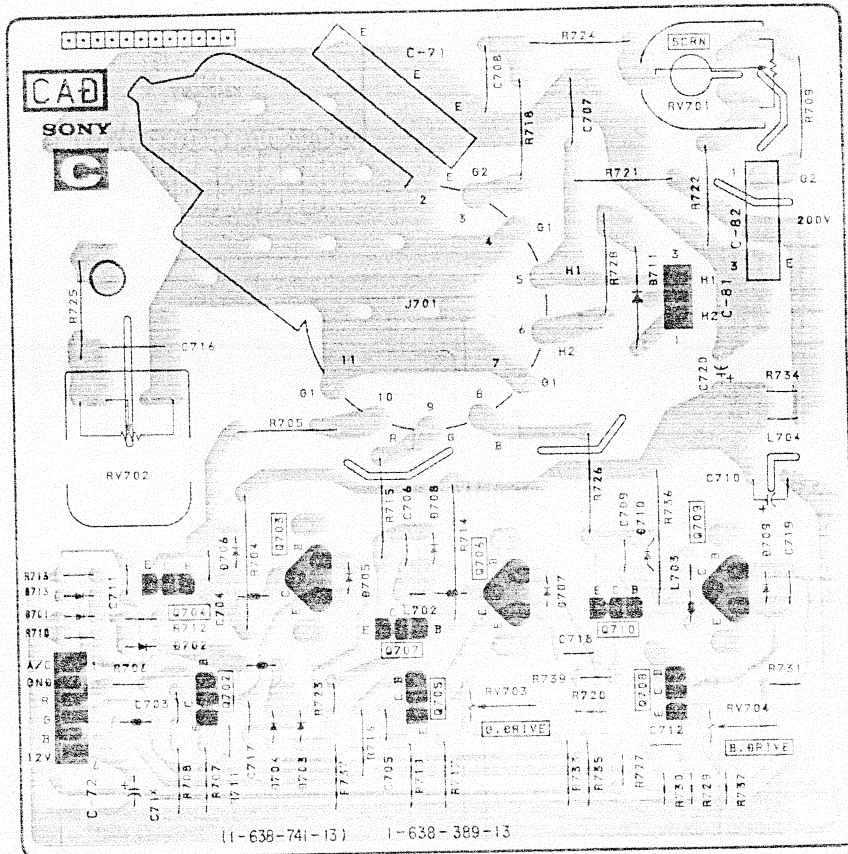
- : Pattern from the side which enables seeing.
- : Pattern of the rear side.

DARD IC3 TDA6600

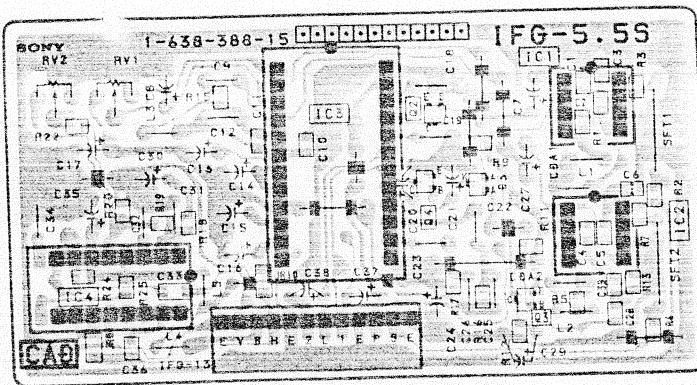


- C Board -

() : 25 INCH

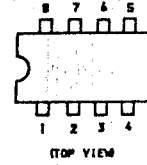


- IFG Board -

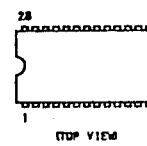


5-4. SEMICONDUCTORS

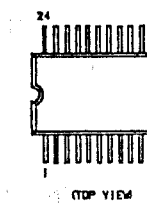
BA4558
NE5532P
RC4558P
SDA2546
TBA129
TDA1543
TEA2014A
TEA2031A



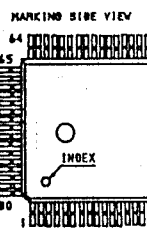
CXA1114P
CXK5864BP-10L
MAB8461P-W208
SAA5246P/E
SAA7280
TC5565APL-15L
TDA4580-V7
TDA6200
TEA2028B



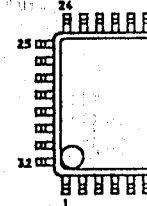
CX01175AM



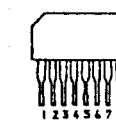
CX02011Q



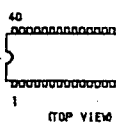
CXK1202Q



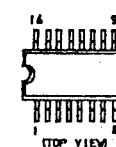
CX20061



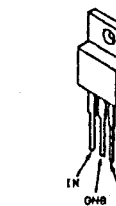
FCB61C65L-70P
SDA20560-A012
SAD20162-B002



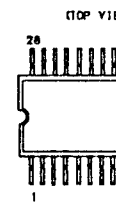
HCF4052BM



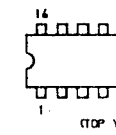
LM7812CT
MC7812CT
TDA8341/N6
TEA7605
μPC24M05HF



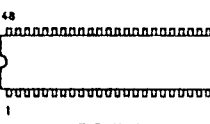
MB40968PF



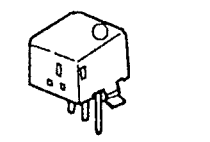
MC14051BCP
MC14053BCP
PC8574
TDA2545A-V4
TDA4660T
TDA8442N3
TEA2260
μPD4053BC



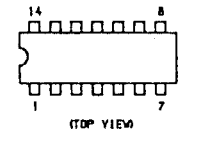
SAA5246P/E/M4A



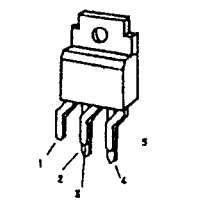
SBX1610-11



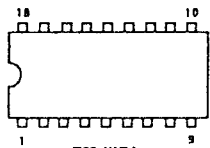
SN74LS02N



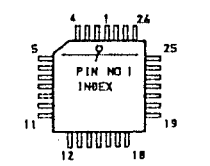
TDA2050



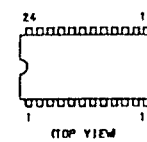
TDA2579/V9



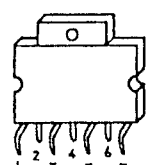
TDA4650WP



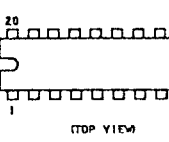
TDA6600-2



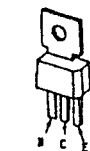
TDA8170



TDA8732



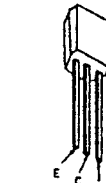
BF871



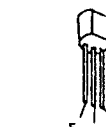
DTA144EK
DTC114EK
DTC124EK
DTC144EK
MMST2907A
2SA1037K
2SA1162
2SA812
2SB1295
2SC1623
2SC2412
2SC2712



DTC144ES



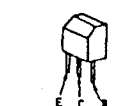
JC501
2SA1091



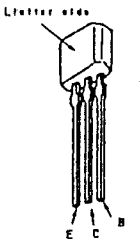
2SA1220A
2SB1357
2SC2688



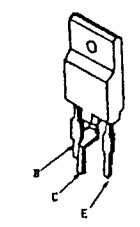
2SB734
2SD773
2SD774



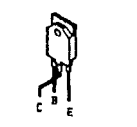
2SC2785



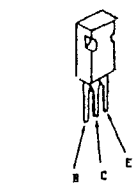
2SD1548



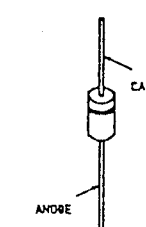
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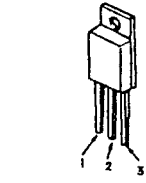
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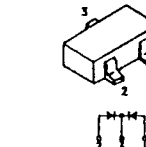
BR405B
BB809
ERC06-15S
ERC25-06S
RGP10G
RU-3AM



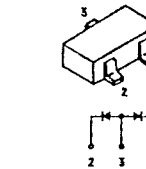
CTU-12S



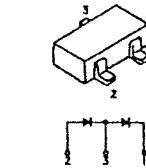
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MA152WK
1S2837



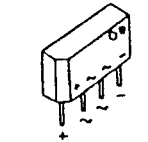
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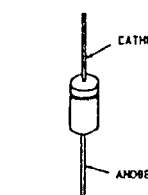
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1S226



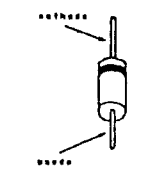
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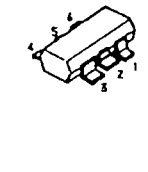
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GP080
RGP02-17
RGP15J



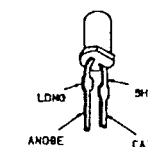
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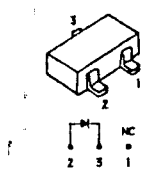
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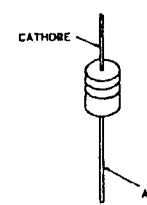
LD-201VR



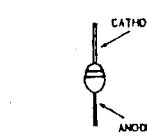
MA3056M
MA3110
MA3036H
MA3068M
R011M-B2
R03.6M-B2
R05.6M-B2
R06.8M-B2



MTZJ-13B
MTZJ-15A
MTZJ-33A
MTZJ-360
MTZJ-3.9B
MTZJ-4.7B
MTZJ-5.6B
MTZJ-6.2C
MTZJ-7.5C
MTZJ-9.1C
MTZN-10C
R05.6ESB2
R06.2ESB2
R06.8ESB2
R07.5ESB2
R09.1ESB3
UZ4.7BSC
1SS119
1SS133



U05G



KV-C2571D/C2971D
RM-816KV-C2571D/C2971D
RM-816SECTION 6
EXPLODED VIEWS

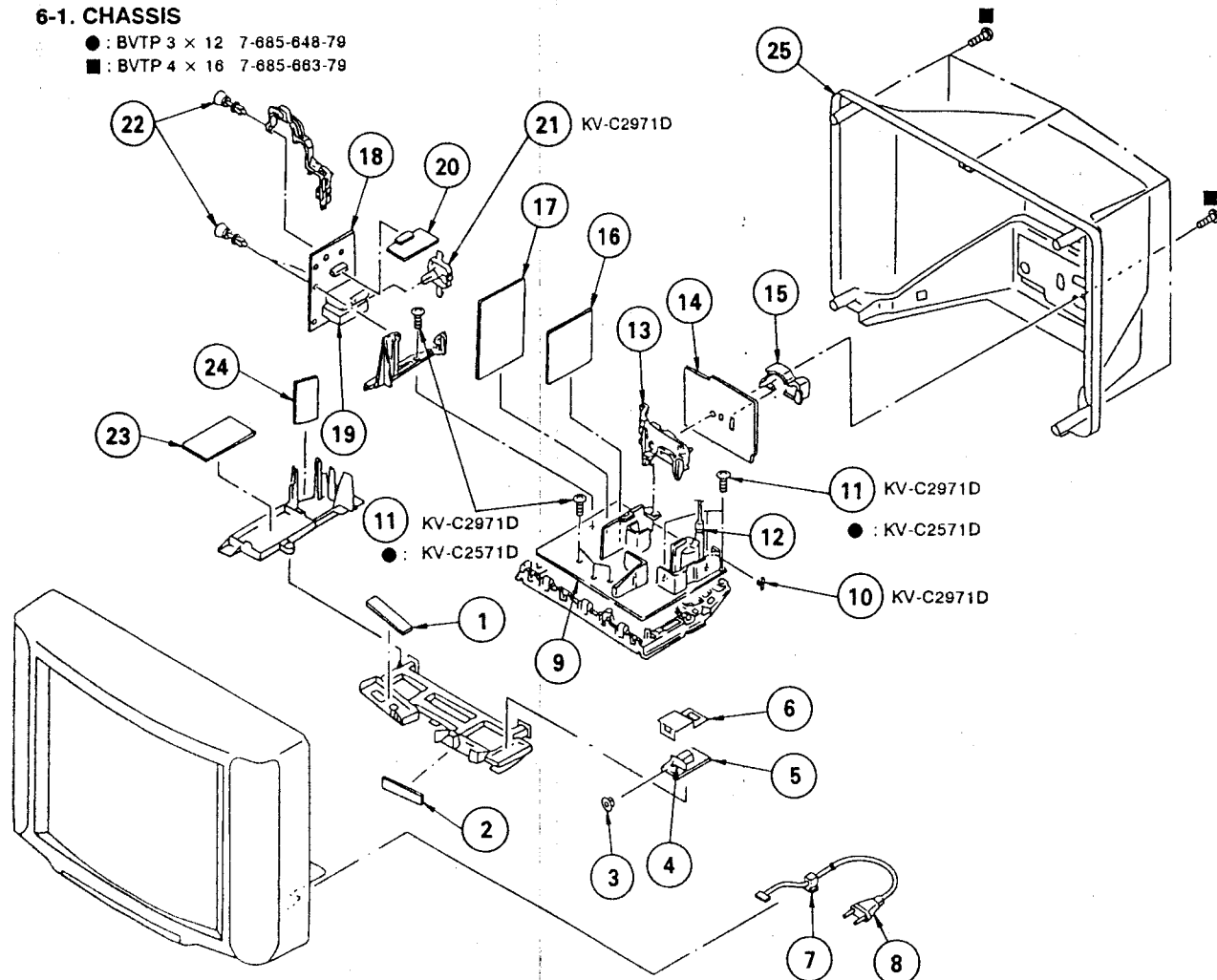
NOTE:

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark Δ are critical for safety.
Replace only with part number specified.

6-1. CHASSIS

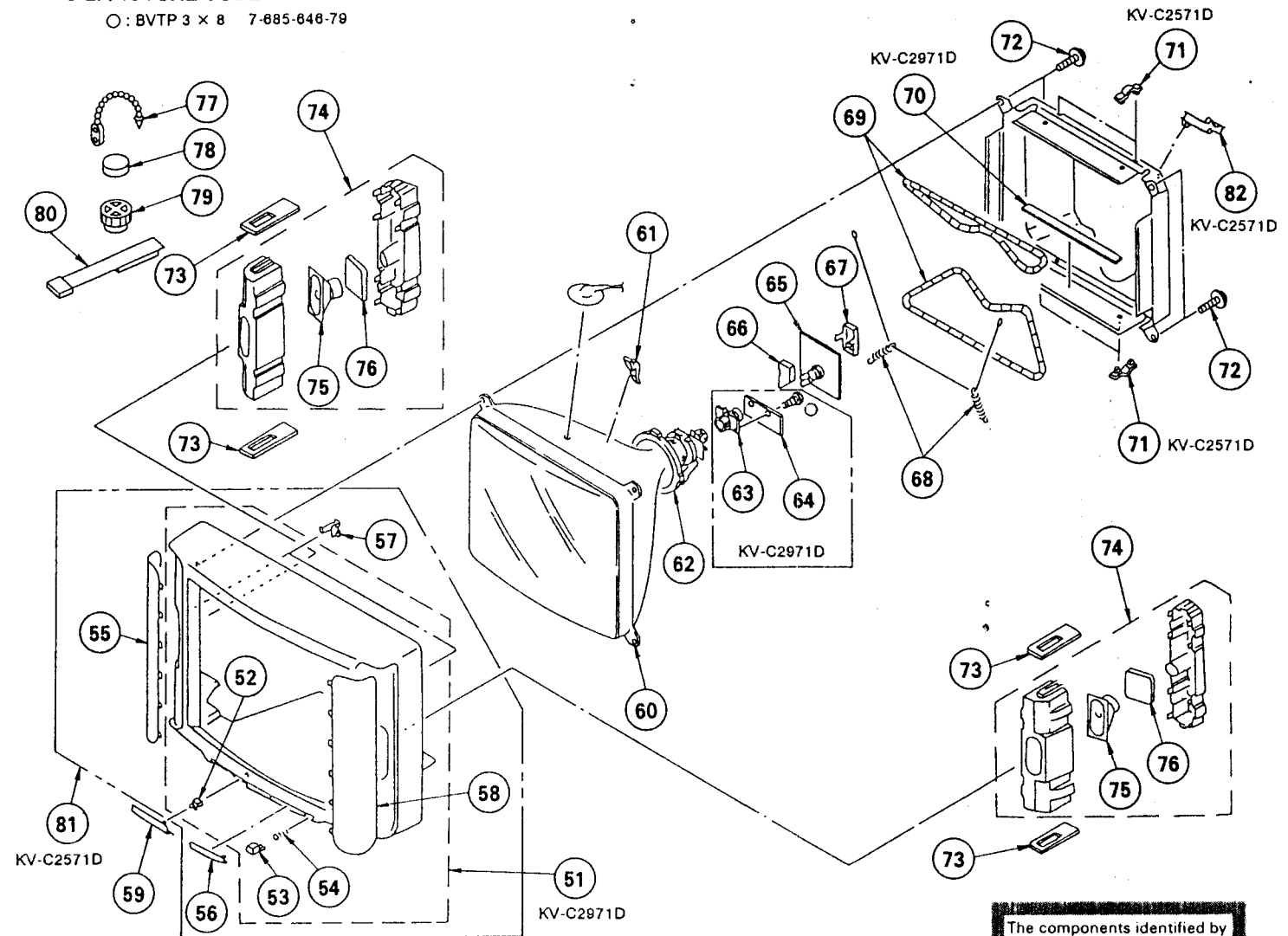
- : BVTP 3 × 12 7-685-648-79
- : BVTP 4 × 16 7-685-663-79



REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
1	*1-638-744-11	H1 BOARD (KV-C2571D)		13	*4-386-624-01	BRACKET, J (KV-C2571D)	
2	*1-638-391-11	H1 BOARD (KV-C2971D)		14	*4-386-624-11	BRACKET, J (KV-C2971D)	
3	*1-638-745-11	H2 BOARD (KV-C2571D)		15	*A-1651-023-A	J1 BOARD, COMPLETE (KV-C2571D)	
4	*1-638-392-11	H2 BOARD (KV-C2971D)		16	*A-1651-038-A	J1 BOARD, COMPLETE (KV-C2971D)	
5	4-386-611-11	COVER, SWITCH (KV-C2571D)		17	4-200-014-11	BRACKET, TERMINAL (KV-C2571D)	
6	4-386-611-01	COVER, SWITCH (KV-C2971D)		18	4-200-014-01	BRACKET, TERMINAL (KV-C2971D)	
7	Δ 1-571-433-12	SWITCH, PUSH (AC POWER)		19	*A-1645-022-A	V BOARD, COMPLETE (KV-C2571D)	
8	*A-1624-008-A	F BOARD, COMPLETE (KV-C2571D)		20	*A-1645-013-A	V BOARD, COMPLETE (KV-C2971D)	
9	*A-1624-007-A	F BOARD, COMPLETE (KV-C2971D)		21	*A-1621-030-A	B1 BOARD, COMPLETE (KV-C2571D)	
10	4-200-274-11	COVER, POWER SWITCH (KV-C2571D)		22	*A-1621-031-A	B1 BOARD, COMPLETE (KV-C2971D)	
11	4-200-952-01	COVER, POWER SWITCH (KV-C2971D)		23	*A-1632-054-A	A BOARD, COMPLETE (KV-C2571D)	
12	Δ 4-389-201-11	HOLDER, AC CORD (KV-C2571D)		24	*A-1632-094-A	A BOARD, COMPLETE (KV-C2971D)	
13	Δ 4-389-201-03	HOLDER, AC CORD (KV-C2971D)		25	Δ 1-465-301-11	TUNER, ET (UV-816(PLL))	
14	Δ 1-590-501-11	CORD, POWER (WITH NOISE FILTER)		26	*A-1654-005-A	IFG BOARD, COMPLETE (KV-C2571D)	
15	*A-1642-079-A	D BOARD, COMPLETE (KV-C2571D)		27	*A-1654-008-A	IFG BOARD, COMPLETE (KV-C2971D)	
16	*A-1642-085-A	D BOARD, COMPLETE (KV-C2971D)		28	*4-386-617-01	HOLDER, TERMINAL (KV-C2971D)	
17	*3-646-071-00	HOLDER, WIRE (KV-C2971D)		29	4-386-618-01	RIVET, T TYPE	
18	4-364-802-00	SCREW (3.5X13) (KV-C2971D)		30	*1-642-923-11	K BOARD	
19	Δ 1-439-416-41	TRANSFORMER ASSY, FLYBACK (NX-1604) (KV-C2571D)		31	*1-642-924-11	J3 BOARD	
20	Δ 1-439-416-51	TRANSFORMER ASSY, FLYBACK (UX-1650) (KV-C2971D)		32	4-202-032-01	COVER, REAR (KV-C2571D)	
21				33	4-202-014-01	COVER, REAR (KV-C2971D)	

6-2. PICTURE TUBE

○: BVTP 3 × 8 7-685-648-79

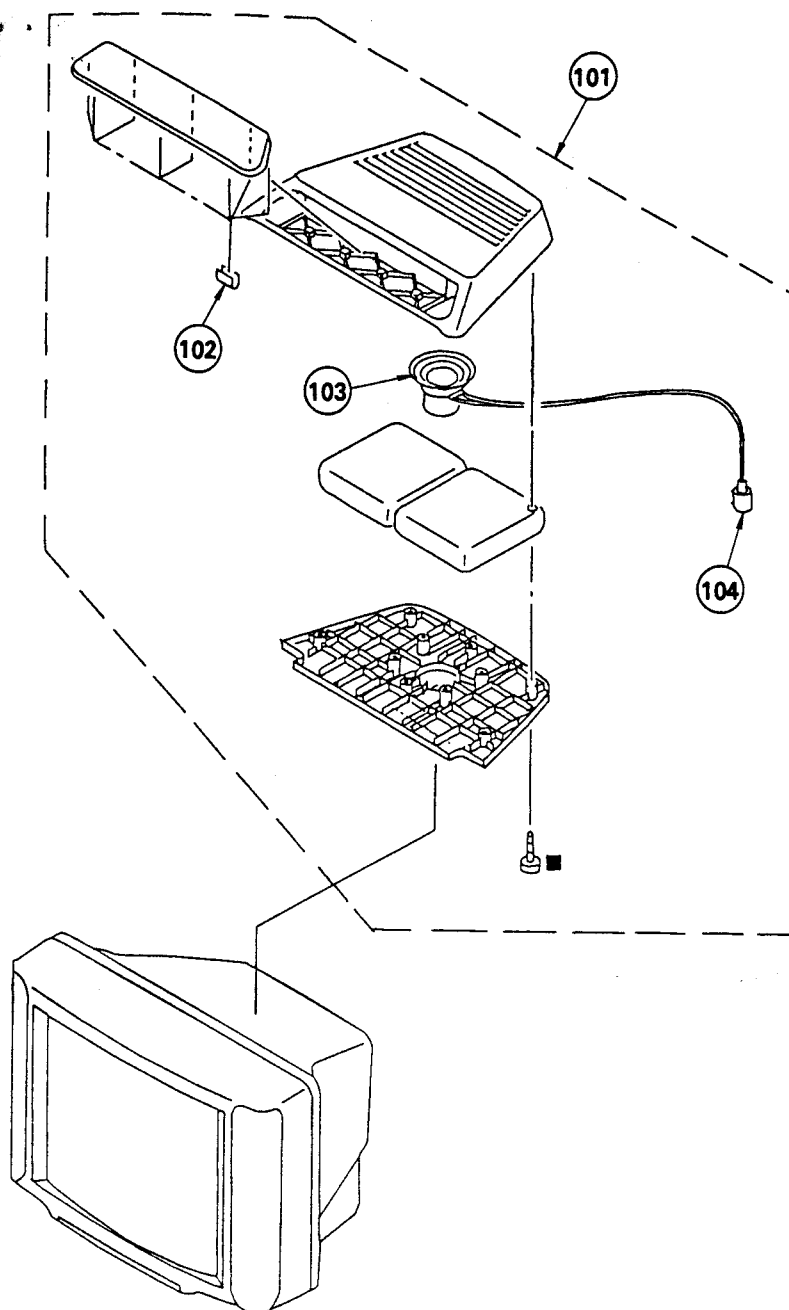


The components identified by shading and mark Δ are critical for safety.
Replace only with part number specified.

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
51	X-4200-098-1	CABINET ASSY (WITH BEZEL ASSY)	52-54 (KV-C2971D)	66	*4-379-167-01	COVER (MAIN), CV	
52	4-392-036-01	CATCHER, PUSH		67	*4-379-160-01	COVER (REAR LID), CV	
53	4-202-022-01	BUTTON, POWER (KV-C2571D)		68	4-303-774-11	SPRING, GROUND WIRE (KV-C2571D)	
54	4-200-991-01	BUTTON, POWER (KV-C2971D)		69	4-369-318-00	SPRING, TENSION (KV-C2971D)	
55	4-329-112-00	SPRING (KV-C2571D)		70	Δ 1-426-372-11	COIL, DEMAGNETIZATION (KV-C2571D)	
56	4-329-112-41	SPRING (KV-C2971D)		71	Δ 1-426-398-11	COIL, DEMAGNETIZATION (KV-C2971D)	
57	X-4200-103-1	PLATE ASSY, ORNAMENTAL (L) (KV-C2571D)		72	3-651-853-01	CUSHION (KV-C2971D)	
58	X-4200-107-1	PLATE ASSY, ORNAMENTAL (L) (KV-C2971D)		73	*4-385-916-01	HOLDER (D) (KV-C2571D)	
59	4-202-020-01	WINDOW, ORNAMENTAL (KV-C2571D)		74	4-373-263-11	SCREW (M), PT (KV-C2571D)	
60	4-200-989-01	WINDOW, ORNAMENTAL (KV-C2971D)		75	4-200-976-01	SCREW, PT (KV-C2971D)	
61	4-202-023-01	CLIP, CONTACT (KV-C2571D)		76	4-202-027-01	CUSHION, BOX (KV-C2571D)	
62	4-200-992-01	CLIP, CONTACT (KV-C2971D)		77	4-200-995-01	CUSHION, BOX (KV-C2971D)	
63	X-4200-102-1	PLATE ASSY, ORNAMENTAL (R) (KV-C2571D)		78	A-1678-036-A	BOX COMPLETE ASSY (KV-C2571D)	75, 76
64	X-4200-106-1	PLATE ASSY, ORNAMENTAL (R) (KV-C2971D)		79	A-1678-048-A	BOX ASSY (KV-C2971D)	75, 76
65	4-202-021-21	DOOR (KV-C2571D)		80	1-504-146-11	SPEAKER (5X11CM)	
66	4-200-990-21	DOOR (KV-C2971D)		81	4-202-029-01	STOPPER (KV-C2571D)	
67	Δ 8-733-231-05	PICTURE TUBE (A59JWC61X) (KV-C2571D)		82	4-200-999-01	STOPPER (KV-C2971D)	
68	Δ 8-733-831-05	PICTURE TUBE (A68JYL61X) (KV-C2971D)		83	4-308-870-00	CLIP, LEAD WIRE	
69	3-704-495-01	SPACER, DY		84	1-452-032-00	MAGNET, DISK; 10MM ϕ	
70	Δ 1-451-311-21	DEFLECTION YOKE (Y25FXA) (KV-C2571D)		85	1-452-094-00	MAGNET, ROTABLE DISK; 15MM ϕ	
71	Δ 1-451-313-21	DEFLECTION YOKE (Y29FXA) (KV-C2971D)		86	X-4306-312-0	PERMALLOY ASSY, CONVERGENCE	
72	Δ 1-452-509-42	NECK ASSY, PICTURE TUBE (NA-308) (KV-C2971D)		87	X-4200-104-1	CABINET ASSY (WITH BEZEL ASSY) (KV-C2571D)	52-58
73	*1-634-193-11	VM BOARD (KV-C2971D)		88	*4-387-284-01	HOLDER LEAD (KV-C2571D)	
74	*A-1638-015-A	C BOARD, COMPLETE (KV-C2571D)					
75	*A-1638-013-A	C BOARD, COMPLETE (KV-C2971D)					

6-3. SPEAKER

■: BVTP 4 × 16 7-685-683-79



REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
101	A-1678-037-A	BOX ASSY, WOOFER (KV-C2571D)	102~104	103	1-544-767-11	SPEAKER (13CM)	
	A-1678-053-A	BOX ASSY, WOOFER (KV-C2971D)	102~104	104	1-696-554-11	CABLE, SPEAKER (WITH PLUG)	
102	4-202-030-01	CLIP					

B1

SECTION 7
ELECTRICAL PARTS LISTKV-C2571D/C2971D
RM-816

B1

NOTE:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS

All resistors are in ohms
F : nonflammable

When indicating parts by reference number, please include the board name.

CAPACITORS

COILS

M : μ F, PF : μ F * MMH : mH, OH : μ H

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
*A-1621-030-A	B1 BOARD, COMPLETE (KV-C2571D)			C340	1-126-103-11	ELECT 470MF	20% 16V
*A-1621-031-A	B1 BOARD, COMPLETE (KV-C2971D)			C341	1-163-031-11	CERAMIC CHIP 0.01MF	20% 50V
				C342	1-124-903-11	ELECT 1MF	20% 50V
<CONNECTOR>							
B31	*1-565-393-11	CONNECTOR, BOARD TO BOARD		C343	1-163-038-00	CERAMIC CHIP 0.1MF	20% 25V
B32	*1-565-393-11	CONNECTOR, BOARD TO BOARD		C344	1-124-903-11	ELECT 1MF	10% 100V
B33	*1-565-393-11	CONNECTOR, BOARD TO BOARD		C345	1-137-094-11	FILM 0.047MF	10% 100V
B72	*1-568-881-51	PIN, CONNECTOR 6P		C346	1-137-033-11	FILM 0.33MF	10% 100V
B73	*1-568-878-51	PIN, CONNECTOR 3P		C347	1-137-098-11	FILM 0.1MF	10% 100V
<CAPACITOR>							
C301	1-137-031-11	FILM 0.22MF	10% 100V	C348	1-137-102-11	FILM 0.022MF	10% 250V
C302	1-137-031-11	FILM 0.22MF	10% 100V	C349	1-137-102-11	FILM 0.022MF	10% 250V
C303	1-124-122-11	ELECT 100MF	20% 50V	C350	1-124-902-00	ELECT 0.47MF	20% 50V
C304	1-137-031-11	FILM 0.22MF	10% 100V	C351	1-137-102-11	FILM 0.022MF	10% 250V
C305	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V	C352	1-163-031-11	CERAMIC CHIP 0.01MF	20% 50V
C306	1-124-902-00	ELECT 0.47MF	20% 50V	C353	1-126-101-11	ELECT 100MF	20% 16V
C307	1-124-902-00	ELECT 0.47MF	20% 50V	C354	1-163-031-11	CERAMIC CHIP 0.01MF	20% 16V
C308	1-124-902-00	ELECT 0.47MF	20% 50V	C355	1-126-101-11	ELECT 100MF	20% 16V
C309	1-124-902-00	ELECT 0.47MF	20% 50V	C356	1-163-031-11	CERAMIC CHIP 0.01MF	20% 50V
C310	1-137-098-11	FILM 0.1MF	10% 100V	C357	1-163-031-11	CERAMIC CHIP 0.01MF	20% 50V
C311	1-137-098-11	FILM 0.1MF	10% 100V	C358	1-163-031-11	CERAMIC CHIP 0.01MF	20% 50V
C312	1-124-902-00	ELECT 0.47MF	20% 50V	C360	1-163-031-11	CERAMIC CHIP 0.01MF	50V
C313	1-124-902-00	ELECT 0.47MF	20% 50V	C361	1-163-031-11	CERAMIC CHIP 0.01MF	50V
C314	1-124-902-00	ELECT 0.47MF	20% 50V	C362	1-163-033-00	CERAMIC CHIP 0.022MF	50V
C315	1-124-903-11	ELECT 1MF	20% 50V	C363	1-163-031-11	CERAMIC CHIP 0.01MF	20% 16V
C316	1-124-927-11	ELECT 4.7MF	20% 50V	C364	1-124-477-11	ELECT 47MF	20% 16V
C317	1-163-031-11	CERAMIC CHIP 0.01MF	20% 50V	C365	1-163-090-00	CERAMIC CHIP 7PF	0.25PF 50V
C318	1-124-927-11	ELECT 4.7MF	20% 50V	C366	1-163-090-00	CERAMIC CHIP 7PF	0.25PF 50V
C319	1-124-927-11	ELECT 4.7MF	20% 50V	C367	1-124-034-51	ELECT 33MF	20% 16V
C320	1-124-910-11	ELECT 47MF	20% 50V	C368	1-124-119-00	ELECT 330MF	20% 16V
C321	1-137-027-11	FILM 0.82MF	10% 63V	C369	1-124-034-51	ELECT 33MF	20% 16V
C322	1-163-077-00	CERAMIC CHIP 0.1MF	50V	C370	1-163-090-00	CERAMIC CHIP 7PF	0.25PF 50V
C323	1-163-031-11	CERAMIC CHIP 0.01MF	50V	C371	1-163-090-00	CERAMIC CHIP 7PF	0.25PF 50V
C324	1-163-031-11	CERAMIC CHIP 0.01MF	50V	C372	1-163-105-00	CERAMIC CHIP 33PF	5% 50V
C325	1-163-038-00	CERAMIC CHIP 0.1MF	25V	C373	1-163-121-00	CERAMIC CHIP 150PF	5% 50V
C326	1-124-910-11	ELECT 47MF	20% 50V	C374	1-163-197-00	CERAMIC CHIP 470PF	5% 50V
C327	1-124-910-11	ELECT 47MF	20% 50V	C375	1-163-103-00	CERAMIC CHIP 27PF	5% 50V
C328	1-163-038-00	CERAMIC CHIP 0.1MF	50V	C376	1-163-093-00	CERAMIC CHIP 10PF	5% 50V
C329	1-163-123-00	CERAMIC CHIP 180PF	5% 50V	C377	1-163-377-11	CERAMIC CHIP 100PF	5% 50V
C330	1-163-125-00	CERAMIC CHIP 220PF	5% 50V	C378	1-163-113-00	CERAMIC CHIP 68PF	5% 50V
C331	1-137-098-11	FILM 0.1MF	10% 100V	C379	1-163-031-11	CERAMIC CHIP 0.01MF	5% 50V
C332	1-137-098-11	FILM 0.1MF	10% 100V	C380	1-163-097-00	CERAMIC CHIP 15PF	20% 50V
C333	1-163-237-11	CERAMIC CHIP 27PF	5% 50V	C381	1-124-907-11	ELECT 10MF	20% 50V
C335	1-163-119-00	CERAMIC CHIP 120PF	5% 50V	C382	1-124-907-11	ELECT 10MF	20% 50V
C337	1-163-237-11	CERAMIC CHIP 27PF	5% 50V	C383	1-124-907-11	ELECT 10MF	20% 50V
C338	1-137-102-11	FILM 0.022MF	10% 250V	C384	1-126-101-11	ELECT 100MF	20% 16V
C339	1-163-031-11	CERAMIC CHIP 0.01MF	50V	C385	1-126-101-11	ELECT 100MF	20% 16V
				C386	1-126-101-11	ELECT 100MF	20% 16V
				C387	1-137-028-11	FILM 1MF	10% 63V
				C388	1-124-907-11	ELECT 10MF	20% 50V
				C389	1-163-038-00	CERAMIC CHIP 0.1MF	5% 50V
				C390	1-163-105-00	CERAMIC CHIP 33PF	5% 50V
				C391			
				C392			
				C393			
				C394			
				C395			
				C396			
				C397			
				C398			
				C399			
				C1301			

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
C1302	1-163-235-11	CERAMIC CHIP 22PF	5% 50V	<DELAY LINE>			
C1303	1-163-038-00	CERAMIC CHIP 0.1MF	25V	DL301	1-415-613-11	DELAY LINE, Y	
C1304	1-124-907-11	ELECT 10MF	20% 50V	<FILTER>			
C1305	1-126-101-11	ELECT 100MF	20% 16V	FL301	1-236-620-11	FILTER, LOW PASS	
C1306	1-163-038-00	CERAMIC CHIP 0.1MF	25V	FL302	1-236-620-11	FILTER, LOW PASS	
C1307	1-163-038-00	CERAMIC CHIP 0.1MF	25V	FL303	1-236-620-11	FILTER, LOW PASS	
C1308	1-163-038-00	CERAMIC CHIP 0.1MF	25V	FL305	1-236-164-11	ENCAPSULATED COMPONENT	
C1309	1-163-031-11	CERAMIC CHIP 0.01MF	50V	<IC>			
C1310	1-163-031-11	CERAMIC CHIP 0.01MF	50V	IC301	8-759-517-43	IC TDA4580-V7	
C1311	1-163-038-00	CERAMIC CHIP 0.1MF	25V	IC302	8-759-980-60	IC TDA8442N3	
C1312	1-163-038-00	CERAMIC CHIP 0.1MF	25V	IC303	8-759-510-48	IC TDA4660T	
C1313	1-163-038-00	CERAMIC CHIP 0.1MF	25V	IC304	8-759-510-47	IC TDA4650WP/V4	
C1314	1-163-109-00	CERAMIC CHIP 47PF	5% 50V	IC305	8-759-144-84	IC UPC24M05HF	
C1315	1-163-038-00	CERAMIC CHIP 0.1MF	25V	IC306	8-759-510-50	IC HCF4052BM	
C1316	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V	IC308	8-752-006-12	IC CX2006T	
C1317	1-163-038-00	CERAMIC CHIP 0.1MF	25V	IC310	8-752-337-07	IC CXD2011Q	
C1318	1-163-038-00	CERAMIC CHIP 0.1MF	25V	IC311	8-759-996-49	IC MB40968PF	
C1319	1-163-031-11	CERAMIC CHIP 0.01MF	50V	IC312	8-752-338-45	IC CXK1202Q	
C1320	1-163-031-11	CERAMIC CHIP 0.01MF	50V	IC313	8-752-338-45	IC CXK1202Q	
C1321	1-163-031-11	CERAMIC CHIP 0.01MF	50V	IC315	8-752-334-55	IC CXD1175AM	
C1322	1-163-031-11	CERAMIC CHIP 0.01MF	50V	<COIL>			
C1323	1-163-031-11	CERAMIC CHIP 0.01MF	50V	L301	1-408-405-00	INDUCTOR 4.7UH	
C1324	1-163-033-00	CERAMIC CHIP 0.022MF	50V	L303	1-404-554-11	COIL	
C1325	1-163-038-00	CERAMIC CHIP 0.1MF	25V	L304	1-408-405-00	INDUCTOR 4.7UH	
C1326	1-163-031-11	CERAMIC CHIP 0.01MF	50V	L305	1-408-402-00	INDUCTOR 2.7UH	
C1327	1-163-115-00	CERAMIC CHIP 82PF	5% 50V	L306	1-408-405-00	INDUCTOR 4.7UH	
C1328	1-163-809-11	CERAMIC CHIP 0.047MF	10% 25V	L308	1-404-495-00	COIL	
C1329	1-163-035-00	CERAMIC CHIP 0.047MF	50V	L309	1-408-415-00	INDUCTOR 33UH	
C1330	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V	L310	1-408-419-00	INDUCTOR 68UH	
C1331	1-164-187-11	CERAMIC CHIP 390PF	2% 50V	L312	1-404-495-00	COIL	
C1333	1-126-101-11	ELECT 100MF	20% 16V	L313	1-404-554-11	COIL	
C1334	1-126-233-11	ELECT 22MF	20% 50V	L314	1-408-409-00	INDUCTOR 10UH	
<TRIMMER>							
CT301	1-141-418-11	CAP, ADJ		L320	1-408-405-00	INDUCTOR 4.7UH	
CT302	1-141-418-11	CAP, ADJ		L321	1-408-405-00	INDUCTOR 4.7UH	
<DIODE>							
D301	8-719-951-22	DIODE 1MN10		L323	1-408-398-00	INDUCTOR 1.2UH	
D304	8-719-989-26	DIODE DAN212K		L325	1-408-405-00	INDUCTOR 4.7UH	
D305	8-719-989-26	DIODE DAN212K		L326	1-408-421-00	INDUCTOR 100UH	
D307	8-719-106-62	DIODE RD11M-B2		L327	1-408-402-00	INDUCTOR 2.7UH	
D308	8-719-989-26	DIODE DAN212K		L1301	1-408-425-00	INDUCTOR 220UH	
D309	8-719-989-26	DIODE DAN212K		<IC LINK>			
D310	8-719-106-62	DIODE RD11M-B2		PS301A	1-532-605-91	LINK, IC 0.4A	
D311	8-719-106-62	DIODE RD11M-B2		<TRANSISTOR>			
D312	8-719-106-62	DIODE RD11M-B2		Q301	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D314	8-719-800-76	DIODE 1SS226		Q302	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D318	8-719-800-76	DIODE 1SS226		Q303	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D319	8-719-800-76	DIODE 1SS226		Q304	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D320	8-719-800-76	DIODE 1SS226		Q305	8-729-901-06	TRANSISTOR DTA144EK	
D321	8-719-105-91	DIODE RD5.6M-B2		Q306	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D322	8-719-400-18	DIODE MA152WK		Q307	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D330	8-719-989-26	DIODE DAN212K		Q308	8-729-901-00	TRANSISTOR DTC124EK	
D331	8-719-914-44	DIODE DAP202K		Q310	8-729-901-00	TRANSISTOR DTC124EK	
D333	8-719-951-22	DIODE 1MN10		Q311	8-729-901-00	TRANSISTOR DTC124EK	
D336	8-719-400-18	DIODE MA152WK		Q320	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D340	8-719-800-76	DIODE 1SS226		Q321	8-729-216-22	TRANSISTOR 2SA1162-G	
D341	8-719-989-26	DIODE DAN212K					

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REF. NO.	PART NO.	DESCRIPTION	REMARK
Q322	8-729-216-22	TRANSISTOR 2SA1162-G	
Q323	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q324	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q327	8-729-216-22	TRANSISTOR 2SA1162-G	
Q328	8-729-216-22	TRANSISTOR 2SA1162-G	
Q329	8-729-216-22	TRANSISTOR 2SA1162-G	
Q330	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q331	8-729-216-22	TRANSISTOR 2SA1162-G	
Q332	8-729-216-22	TRANSISTOR 2SA1162-G	
Q333	8-729-901-00	TRANSISTOR DTC124EK	
Q334	8-729-901-00	TRANSISTOR DTC124EK	
Q335	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q336	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q337	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q338	8-729-216-22	TRANSISTOR 2SA1162-G	
Q339	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q340	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q341	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q342	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q343	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q344	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q345	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q346	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q347	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q348	8-729-901-00	TRANSISTOR DTC124EK	
Q350	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q352	8-729-216-22	TRANSISTOR 2SA1162-G	
Q353	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q354	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q355	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q356	8-729-216-22	TRANSISTOR 2SA1162-G	
Q357	8-729-216-22	TRANSISTOR 2SA1162-G	
Q358	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q359	8-729-216-22	TRANSISTOR 2SA1162-G	
Q360	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q361	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q362	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q363	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q364	8-729-216-22	TRANSISTOR 2SA1162-G	
Q365	8-729-216-22	TRANSISTOR 2SA1162-G	
Q366	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q367	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q368	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q369	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q370	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q371	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q372	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q373	8-729-901-00	TRANSISTOR DTC124EK	
Q1301	8-729-901-00	TRANSISTOR DTC124EK	
Q1302	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1303	8-729-901-00	TRANSISTOR DTC124EK	
<RESISTOR>			
JR302	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR304	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR305	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR391	1-216-295-00	METAL GLAZE 0 5% 1/10W	
R301	1-216-033-00	METAL GLAZE 220 5% 1/10W	
R302	1-216-033-00	METAL GLAZE 220 5% 1/10W	
R303	1-216-033-00	METAL GLAZE 220 5% 1/10W	
R304	1-216-081-00	METAL GLAZE 22K 5% 1/10W	
R305	1-216-057-00	METAL GLAZE 2.2K 5% 1/10W	
R306	1-216-035-00	METAL GLAZE 270 5% 1/10W	

REF. NO.	PART NO.	DESCRIPTION	REMARK
R307	1-216-097-00	METAL GLAZE 100K 5% 1/10W	
R309	1-216-025-00	METAL GLAZE 100 5% 1/10W	
R310	1-216-025-00	METAL GLAZE 100 5% 1/10W	
R311	1-216-025-00	METAL GLAZE 100 5% 1/10W	
R312	1-216-021-00	METAL GLAZE 68 5% 1/10W	
R313	1-216-021-00	METAL GLAZE 68 5% 1/10W	
R314	1-216-021-00	METAL GLAZE 68 5% 1/10W	
R316	1-216-081-00	METAL GLAZE 22K 5% 1/10W	
R317	1-216-033-00	METAL GLAZE 220 5% 1/10W	
R318	1-216-073-00	METAL GLAZE 10K 5% 1/10W	
R319	1-216-073-00	METAL GLAZE 10K 5% 1/10W	
R320	1-216-198-00	METAL GLAZE 1K 5% 1/8W	
R321	1-216-073-00	METAL GLAZE 10K 5% 1/10W	
R322	1-216-073-00	METAL GLAZE 10K 5% 1/10W	
R323	1-216-057-00	METAL GLAZE 2.2K 5% 1/10W	
R324	1-216-049-00	METAL GLAZE 1K 5% 1/10W	
R325	1-216-033-00	METAL GLAZE 220 5% 1/10W	
R326	1-216-311-00	METAL GLAZE 6.8 5% 1/10W	
R327	1-216-311-00	METAL GLAZE 6.8 5% 1/10W	
R328	1-216-311-00	METAL GLAZE 6.8 5% 1/10W	
R329	1-216-031-00	METAL GLAZE 180 5% 1/10W	
R330	1-216-031-00	METAL GLAZE 180 5% 1/10W	
R331	1-216-031-00	METAL GLAZE 180 5% 1/10W	
R332	1-216-182-00	METAL GLAZE 220 5% 1/8W	
R333	1-216-033-00	METAL GLAZE 220 5% 1/10W	
R335	1-216-101-00	METAL GLAZE 150K 5% 1/10W	
R336	1-216-073-00	METAL GLAZE 10K 5% 1/10W	
R337	1-216-093-00	METAL GLAZE 68K 5% 1/10W	
R338	1-216-085-00	METAL GLAZE 33K 5% 1/10W	
R339	1-216-083-00	METAL GLAZE 27K 5% 1/10W	
R340	1-216-107-00	METAL GLAZE 270K 5% 1/10W (KV-C2571D)	
	1-216-105-00	METAL GLAZE 220K 5% 1/10W (KV-C2971D)	
R341	1-216-115-00	METAL GLAZE 560K 5% 1/10W	
R342	1-216-069-00	METAL GLAZE 6.8K 5% 1/10W	
R343	1-216-035-00	METAL GLAZE 270 5% 1/10W (KV-C2571D)	
	1-216-055-00	METAL GLAZE 1.8K 5% 1/10W (KV-C2971D)	
R344	1-216-089-00	METAL GLAZE 47K 5% 1/10W	
R345	1-216-097-00	METAL GLAZE 100K 5% 1/10W	
R346	1-216-033-00	METAL GLAZE 220 5% 1/10W	
R347	1-216-121-00	METAL GLAZE 1M 5% 1/10W	
R348	1-216-001-00	METAL GLAZE 10 5% 1/10W	
R349	1-216-001-00	METAL GLAZE 10 5% 1/10W	
R350	1-216-184-00	METAL GLAZE 270 5% 1/8W	
R351	1-216-184-00	METAL GLAZE 270 5% 1/8W	
R352	1-216-070-00	METAL GLAZE 7.5K 5% 1/10W	
R353	1-216-073-00	METAL GLAZE 10K 5% 1/10W	
R354	1-216-037-00	METAL GLAZE 330 5% 1/10W	
R355	1-216-033-00	METAL GLAZE 220 5% 1/10W	
R357	1-216-061-00	METAL GLAZE 3.3K 5% 1/10W	
R358	1-216-037-00	METAL GLAZE 330 5% 1/10W	
R359	1-216-041-00	METAL GLAZE 470 5% 1/10W	
R361	1-216-065-00	METAL GLAZE 4.7K 5% 1/10W	
R362	1-216-065-00	METAL GLAZE 4.7K 5% 1/10W	
R363	1-216-069-00	METAL GLAZE 6.8K 5% 1/10W	
R364	1-216-033-00	METAL GLAZE 220 5% 1/10W	
R365	1-216-035-00	METAL GLAZE 270 5% 1/10W	
R366	1-216-069-00	METAL GLAZE 6.8K 5% 1/10W	
R367	1-216-069-00	METAL GLAZE 6.8K 5% 1/10W	
R368	1-216-071-00	METAL GLAZE 8.2K 5% 1/10W	

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REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
R369	1-216-071-00	METAL GLAZE 8.2K 5%	1/10W	R1336	1-216-057-00	METAL GLAZE 2.2K 5%	1/10W
R370	1-216-097-00	METAL GLAZE 100K 5%	1/10W	R1337	1-216-659-11	METAL CHIP 2.2K 0.50%	1/10W
R371	1-216-049-00	METAL GLAZE 1K 5%	1/10W	R1338	1-216-085-00	METAL GLAZE 33K 5%	1/10W
R372	1-216-033-00	METAL GLAZE 220 5%	1/10W	R1339	1-216-039-00	METAL GLAZE 390 5%	1/10W
R373	1-216-061-00	METAL GLAZE 3.3K 5%	1/10W	R1340	1-216-025-00	METAL GLAZE 100 5%	1/10W
R374	1-216-033-00	METAL GLAZE 220 5%	1/10W	R1341	1-216-667-11	METAL CHIP 4.7K 0.50%	1/10W
R375	1-216-043-00	METAL GLAZE 560 5%	1/10W	R1342	1-216-025-00	METAL GLAZE 100 5%	1/10W
R376	1-216-057-00	METAL GLAZE 2.2K 5%	1/10W	R1343	1-216-043-00	METAL GLAZE 560 5%	1/10W
R377	1-216-081-00	METAL GLAZE 22K 5%	1/10W	R1344	1-216-057-00	METAL GLAZE 2.2K 5%	1/10W
R378	1-216-081-00	METAL GLAZE 22K 5%	1/10W	R1345	1-216-077-00	METAL GLAZE 15K 5%	1/10W
R379	1-216-081-00	METAL GLAZE 22K 5%	1/10W	R1346	1-216-025-00	METAL GLAZE 100 5%	1/10W
R380	1-216-073-00	METAL GLAZE 10K 5%	1/10W	R1347	1-216-025-00	METAL GLAZE 100 5%	1/10W
R381	1-216-073-00	METAL GLAZE 10K 5%	1/10W	R1348	1-216-085-00	METAL GLAZE 33K 5%	1/10W
R382	1-216-093-00	METAL GLAZE 68K 5%	1/10W	R1349	1-216-075-00	METAL GLAZE 12K 5%	1/10W
R383	1-216-073-00	METAL GLAZE 10K 5%	1/10W	R1350	1-216-039-00	METAL GLAZE 390 5%	1/10W
R384	1-216-093-00	METAL GLAZE 68K 5%	1/10W	R1351	1-216-071-00	METAL GLAZE 8.2K 5%	1/10W
R385	1-216-073-00	METAL GLAZE 10K 5%	1/10W	R1352	1-216-041-00	METAL GLAZE 470 5%	1/10W
R386	1-216-093-00	METAL GLAZE 68K 5%	1/10W	R1353	1-216-065-00	METAL GLAZE 4.7K 5%	1/10W
R387	1-216-065-00	METAL GLAZE 4.7K 5%	1/10W	R1354	1-216-071-00	METAL GLAZE 8.2K 5%	1/10W
R388	1-216-053-00	METAL GLAZE 1.5K 5%	1/10W	R1355	1-216-045-00	METAL GLAZE 680 5%	1/10W
R389	1-216-049-00	METAL GLAZE 1K 5%	1/10W	R1356	1-216-055-00	METAL GLAZE 1.8K 5%	1/10W
R390	1-216-049-00	METAL GLAZE 1K 5%	1/10W	R1357	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R391	1-216-097-00	METAL GLAZE 100K 5%	1/10W	R1358	1-216-081-00	METAL GLAZE 22K 5%	1/10W
R392	1-216-097-00	METAL GLAZE 100K 5%	1/10W	R1359	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R393	1-216-097-00	METAL GLAZE 100K 5%	1/10W	R1360	1-216-051-00	METAL GLAZE 1.2K 5%	1/10W
R394	1-216-065-00	METAL GLAZE 4.7K 5%	1/10W	R1361	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R395	1-216-097-00	METAL GLAZE 100K 5%	1/10W	R1362	1-216-055-00	METAL GLAZE 1.8K 5%	1/10W
R396	1-216-097-00	METAL GLAZE 100K 5%	1/10W	R1363	1-216-039-00	METAL GLAZE 390 5%	1/10W
R397	1-216-047-00	METAL GLAZE 820 5%	1/10W	R1364	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R398	1-216-035-00	METAL GLAZE 270 5%	1/10W	R1365	1-216-059-00	METAL GLAZE 2.7K 5%	1/10W
R399	1-216-085-00	METAL GLAZE 33K 5%	1/10W	R1366	1-216-083-00	METAL GLAZE 27K 5%	1/10W
R1301	1-216-065-00	METAL GLAZE 4.7K 5%	1/10W	R1367	1-216-059-00	METAL GLAZE 2.7K 5%	1/10W
R1302	1-216-089-00	METAL GLAZE 47K 5%	1/10W	R1368	1-216-033-00	METAL GLAZE 220 5%	1/10W
R1303	1-216-081-00	METAL GLAZE 22K 5%	1/10W	R1369	1-216-031-00	METAL GLAZE 180 5%	1/10W
R1305	1-216-053-00	METAL GLAZE 1.5K 5%	1/10W	R1370	1-216-057-00	METAL GLAZE 2.2K 5%	1/10W
R1308	1-216-295-00	METAL GLAZE 0 5%	1/10W (KV-C2571D)	R1371	1-216-031-00	METAL GLAZE 180 5%	1/10W
	1-216-065-00	METAL GLAZE 4.7K 5%	1/10W (KV-C2971D)	R1372	1-216-047-00	METAL GLAZE 820 5%	1/10W
R1309	1-216-023-00	METAL GLAZE 82 5%	1/10W	R1373	1-216-035-00	METAL GLAZE 270 5%	1/10W
R1310	1-216-047-00	METAL GLAZE 820 5%	1/10W	R1374	1-216-202-00	METAL GLAZE 1.5K 5%	1/8W
R1311	1-216-073-00	METAL GLAZE 10K 5%	1/10W	R1375	1-216-208-00	METAL GLAZE 2.7K 5%	1/8W
R1312	1-216-039-00	METAL GLAZE 390 5%	1/10W	R1376	1-216-689-11	METAL GLAZE 39K 5%	1/10W
R1313	1-216-043-00	METAL GLAZE 560 5%	1/10W	R1377	1-216-689-11	METAL GLAZE 39K 5%	1/10W
R1314	1-216-085-00	METAL GLAZE 33K 5%	1/10W	R1378	1-216-689-11	METAL GLAZE 39K 5%	1/10W
R1315	1-216-049-00	METAL GLAZE 1K 5%	1/10W	R1379	1-216-689-11	METAL GLAZE 39K 5%	1/10W
R1316	1-216-073-00	METAL GLAZE 10K 5%	1/10W	R1380	1-216-053-00	METAL GLAZE 1.5K 5%	1/10W
R1319	1-216-049-00	METAL GLAZE 1K 5%	1/10W	R1381	1-216-033-00	METAL GLAZE 220 5%	1/10W
R1320	1-216-641-11	METAL CHIP 390 0.50%	1/10W	R1382	1-216-089-00	METAL GLAZE 47K 5%	1/10W
R1321	1-216-073-00	METAL GLAZE 10K 5%	1/10W	R1383	1-216-053-00	METAL GLAZE 1.5K 5%	1/10W
R1322	1-216-067-00	METAL GLAZE 5.6K 5%	1/10W	R1384	1-216-089-00	METAL GLAZE 47K 5%	1/10W
R1323	1-216-643-11	METAL CHIP 470 0.50%	1/10W	R1385	1-216-055-00	METAL GLAZE 1.8K 5%	1/10W
R1324	1-216-073-00	METAL GLAZE 10K 5%	1/10W	R1386	1-216-047-00	METAL GLAZE 820 5%	1/10W
R1325	1-216-037-00	METAL GLAZE 330 5%	1/10W	R1387	1-216-031-00	METAL GLAZE 180 5%	1/10W
R1326	1-216-045-00	METAL GLAZE 680 5%	1/10W	R1388	1-216-073-00	METAL GLAZE 10K 5%	1/10W
R1327	1-216-029-00	METAL GLAZE 150 5%	1/10W	R1389	1-216-073-00	METAL GLAZE 10K 5%	1/10W
R1328	1-216-073-00	METAL GLAZE 10K 5%	1/10W	R1390	1-216-093-00	METAL GLAZE 68K 5%	1/10W
R1329	1-216-049-00	METAL GLAZE 1K 5%	1/10W	R1391	1-216-208-00	METAL GLAZE 2.7K 5%	1/8W
R1330	1-216-081-00	METAL GLAZE 22K 5%	1/10W	R1392	1-216-047-00	METAL GLAZE 820 5%	1/10W
R1331	1-216-081-00	METAL GLAZE 22K 5%	1/10W	R1393	1-216-047-00	METAL GLAZE 820 5%	1/10W
R1332	1-216-049-00	METAL GLAZE 1K 5%	1/10W	R1394	1-216-081-00	METAL GLAZE 22K 5%	1/10W
R1333	1-216-077-00	METAL GLAZE 15K 5%	1/10W	R1395	1-216-081-00	METAL GLAZE 22K 5%	1/10W
R1334	1-216-075-00	METAL GLAZE 12K 5%	1/10W	R1396	1-216-073-00	METAL GLAZE 10K 5%	1/10W
R1335	1-216-043-00	METAL GLAZE 560 5%	1/10W	R1397	1-216-073-00	METAL GLAZE 10K 5%	1/10W
				R1398	1-216-001-00	METAL GLAZE 10 5%	1/10W

B1 F A

The components identified by
shading and mark Δ are critical
for safety.
Replace only with part number
specified.

REF.NO.	PART NO.	DESCRIPTION
R1399	1-216-029-00	METAL GLAZE 150 5% 1/10W

<VARIABLE RESISTOR>

RV301	1-238-012-11	RES, ADJ, CARBON 1K
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<CRYSTAL>

X301	1-567-307-11	OSCILLATOR, CRYSTAL
X302	1-567-131-00	OSCILLATOR, CRYSTAL

*A-1624-008-A F BOARD, COMPLETE (KV-C2571D)

*A-1624-007-A F BOARD, COMPLETE (KV-C2971D)

*4-341-752-01	EYELET
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<CONNECTOR>

F61	*1-580-844-11	PIN, CONNECTOR (POWER)
F62	*1-580-844-11	PIN, CONNECTOR (POWER)

<FUSE>

F1601A	1-576-231-21	FUSE (H.B.C.) 4A/250V
	1-533-230-11	HOLDER, FUSE; F1601

<SWITCH>

S1701A	1-571-433-12	SWITCH, PUSH (AC POWER)
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*A-1632-054-A A BOARD, COMPLETE (KV-C2571D)

*A-1632-094-A A BOARD, COMPLETE (KV-C2971D)

<CONNECTOR>

A11	*1-565-393-11	CONNECTOR, BOARD TO BOARD
A12	*1-565-393-11	CONNECTOR, BOARD TO BOARD
A13	*1-565-503-11	CONNECTOR, BOARD TO BOARD 12P
A16	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH) (KV-C2971D)
A17	*1-564-886-11	PLUG, CONNECTOR 9P (KV-C2971D)
A19	*1-564-881-11	PLUG, CONNECTOR 4P (KV-C2971D)

<CAPACITOR>

C101	1-126-233-11	ELECT	22MF	20%	50V
C102	1-126-103-11	ELECT	470MF	20%	16V
C104	1-124-910-11	ELECT	47MF	20%	50V
C106	1-126-233-11	ELECT	22MF	20%	50V
C108	1-136-165-00	FILM	0.1MF	5%	50V
C109	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C111	1-124-925-11	ELECT	2.2MF	20%	50V
C115	1-124-925-11	ELECT	2.2MF	20%	50V
C127	1-124-122-11	ELECT	100MF	20%	50V
C128	1-124-910-11	ELECT	47MF	20%	50V
C129	1-124-910-11	ELECT	47MF	20%	50V
C138	1-136-165-00	FILM	0.1MF	5%	50V
C171	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C172	1-163-005-11	CERAMIC CHIP	470PF	10%	50V

REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
	C177	1-102-074-00	CERAMIC 0.001MF 10% 50V	
	C181	1-101-004-00	CERAMIC 0.01MF 50V (KV-C2971D)	

<IC>

IC103	8-759-979-62	IC PCF8574
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<COIL>

L100	1-410-683-31	INDUCTOR 560UH
L101	1-408-225-00	INDUCTOR 3.3UH
L102	1-408-413-00	INDUCTOR 22UH
L107	1-408-397-00	INDUCTOR 1UH

<TRANSISTOR>

Q113	8-729-120-28	TRANSISTOR 2SC1623-L5L6
Q114	8-729-120-28	TRANSISTOR 2SC1623-L5L6
Q115	8-729-120-28	TRANSISTOR 2SC1623-L5L6
Q116	8-729-120-28	TRANSISTOR 2SC1623-L5L6
Q125	8-729-900-89	TRANSISTOR DTC144ES
Q126	8-729-901-06	TRANSISTOR DTA144EK
Q181	8-729-120-28	TRANSISTOR 2SC1623-L5L6 (KV-C2971D)

<RESISTOR>

JR230	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR252	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR253	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR255	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR256	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR257	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR258	1-216-296-00	METAL GLAZE	0	5%	1/8W
R101	1-216-025-00	METAL GLAZE	100	5%	1/10W
R105	1-216-079-00	METAL GLAZE	18K	5%	1/10W
R107	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R108	1-216-079-00	METAL GLAZE	18K	5%	1/10W
R110	1-249-429-11	CARBON	10K	5%	1/4W
R111	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R116	1-216-023-00	METAL GLAZE	82	5%	1/10W
R118	1-216-085-00	METAL GLAZE	33K	5%	1/10W

R128	1-216-027-00	METAL GLAZE	120	5%	1/10W
R129	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R130	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R157	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R158	1-249-409-11	CARBON	220	5%	1/4W

R159	1-249-409-11	CARBON	220	5%	1/4W
R161	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R162	1-216-095-00	METAL GLAZE	82K	5%	1/10W
R163	1-216-095-00	METAL GLAZE	82K	5%	1/10W
R164	1-216-075-00	METAL GLAZE	12K	5%	1/10W

R165	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R167	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W
R168	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R169	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W
R181	1-216-049-00	METAL GLAZE	1K	5%	1/10W

(KV-C2971D)

(KV-C2971D)

R182	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R193	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R194	1-216-017-00	METAL GLAZE	47	5%	1/10W

R195	1-216-017-00	METAL GLAZE	47	5%	1/10W
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The components identified by
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specified.

REF.NO.	PART NO.	DESCRIPTION	REMARK
R196	1-216-113-00	METAL GLAZE 470K 5% 1/10W	

<TUNER>

TU101A	1-465-301-11	TUNER, ET (UV-816(PLL))
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<IF BLOCK>

VIF101	1-466-154-11	IF BLOCK (IFG-389S)
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1-466-154-11	IFB BOARD (IF BLOCK IFG-389S)
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<CAPACITOR>

C9	1-163-029-11	CERAMIC CHIP 0.0047MF	50V
C10	1-124-925-11	ELECT 2.2MF	20% 50V
C11	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V
C12	1-163-029-11	CERAMIC CHIP 0.0047MF	50V
C13	1-163-029-11	CERAMIC CHIP 0.0047MF	50V
C14	1-124-034-51	ELECT 33MF	20% 16V
C17	1-163-117-00	CERAMIC CHIP 100PF	5% 50V
C18	1-163-107-00	CERAMIC CHIP 39PF	5% 50V
C19	1-126-176-11	ELECT 220MF	20% 10V
C20	1-123-382-00	ELECT 3.3MF	20% 50V

C21	1-163-031-11	CERAMIC CHIP 0.01MF	50V
C22	1-163-029-11	CERAMIC CHIP 0.0047MF	50V
C23	1-130-475-00	MYLAR 0.0022MF	5% 50V
C24	1-163-113-00	CERAMIC CHIP 68PF	5% 50V
C25	1-163-113-00	CERAMIC CHIP 68PF	5% 50V

C28	1-163-029-11	CERAMIC CHIP 0.0047MF	50V
C29	1-163-029-11	CERAMIC CHIP 0.0047MF	50V
C30	1-124-034-51	ELECT 33MF	20% 16V
C31	1-163-085-00	CERAMIC CHIP 2PF	0.25PF 50V
C32	1-163-113-00	CERAMIC CHIP 68PF	5% 50V

C33	1-124-902-00	ELECT 0.47MF	20% 50V
C34	1-163-029-11	CERAMIC CHIP 0.0047MF	50V
C35	1-124-034-51	ELECT 33MF	20% 16V

<FILTER>

CF1	1-404-801-11	TRAP, CERAMIC
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<CONNECTOR>

CN1	*1-506-913-11	PIN, CONNECTOR 10P
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<IC>

IC1	8-759-996-04	IC TDA8341/N6
IC2	8-759-516-81	IC TDA2545A-V4

<COIL>

L2	1-408-410-00	INDUCTOR 12UH
L3	1-408-406-00	INDUCTOR 5.6UH
L4	1-408-407-00	INDUCTOR 6.8UH
L6	1-408-397-00	INDUCTOR 1UH
L7	1-408-406-00	INDUCTOR 5.6UH
L8	1-408-406-00	INDUCTOR 5.6UH

A IFB C

REF.NO.	PART NO.	DESCRIPTION	REMARK
		<TRANSISTOR>	

Q1	8-729-920-74	TRANSISTOR 2SC2412K-QR
Q2	8-729-920-74	TRANSISTOR 2SC2412K-QR
Q7	8-729-216-22	TRANSISTOR 2SA1162-G

<RESISTOR>

JC1	1-216-296-00	METAL GLAZE	0	5%	1/8W
R9	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R10	1-216-029-00	METAL GLAZE	150	5%	1/10W
R11	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R12	1-216-049-00	METAL GLAZE	1K	5%	1/10W

R13	1-216-041-00	METAL GLAZE	470	5%	1/10W
R15	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W
R16	1-216-045-00	METAL GLAZE	680	5%	1/10W
R17	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R18	1-216-043-00	METAL GLAZE	560	5%	1/10W

R19	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R20	1-216-045-00	METAL GLAZE	680	5%	1/10W
R21	1-216-295-00	METAL GLAZE	0	5%	1/10W
R22	1-216-093-00	METAL GLAZE	68K	5%	1/10W
R23	1-216-031-00	METAL GLAZE	180	5%	1/10W

R24	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R30	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R31	1-216-208-00	METAL GLAZE	2.7K	5%	1/8W

<VARIABLE RESISTOR>

RV1	1-238-550-11	RES, ADJ, CARBON 100K
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<TRANSFORMER>

T1	1-404-493-31	COIL
T2	1-404-493-31	COIL
T5	1-404-493-31	COIL

*A-1638-015-A C BOARD, COMPLETE (KV-C2571D)

*A-1638-013-A C BOARD, COMPLETE (KV-C2971D)

*4-379-160-01	COVER (REAR LID), CV
*4-379-167-01	COVER (MAIN), CV

<CONNECTOR>

C71	*1-506-371-00	PIN, CONNECTOR 2P
C72	*1-568-881-51	PIN, CONNECTOR 6P
C81	*1-568-878-51	PIN, CONNECTOR 3P
C82	*1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P

<CAPACITOR>

C703	1-102-980-00	CERAMIC	270PF	5%	50V
C704	1-102-116-00	CERAMIC	680PF	10%	50V
C705	1-102-978-00	CERAMIC	220PF	5%	50V
C706	1-102-116-00	CERAMIC	680PF	10%	50V
C707	1-162-116-00	CERAMIC	680PF	10%	2KV
C708	1-162-114-00	CERAMIC	0.0047MF		2KV
C709	1-102-116-00	CERAMIC	680PF	10%	50V
C710	1-123-947-00	ELECT	10MF	20%	250V
C711	1-101-880-00	CERAMIC	47PF	5%	50V
C712	1-102-980-00	CERAMIC	270PF	5%	50V

C D

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
C714	1-124-360-00	ELECT	1000MF 20% 16V	R725	1-202-838-00	SOLID	100K 20% 1/2W
C716	1-162-622-11	CERAMIC	330PF 10% 400V	R726	1-202-824-00	SOLID	3.3K 10% 1/2W
C717	1-102-114-00	CERAMIC	470PF 10% 50V	R727	1-249-409-11	CARBON	220 5% 1/4W
C718	1-102-114-00	CERAMIC	470PF 10% 50V	R728	1-216-347-11	METAL OXIDE	0.68 5% 1W F
C719	1-102-114-00	CERAMIC	470PF 10% 50V				
<DIODE>							
D701	8-719-110-14	DIODE RD9.1ES-B3		R729	1-249-416-11	CARBON	820 5% 1/4W
D702	8-719-911-19	DIODE ISS119		R730	1-249-401-11	CARBON	47 5% 1/4W
D703	8-719-911-19	DIODE ISS119		R731	1-249-423-11	CARBON	3.3K 5% 1/4W
D704	8-719-911-19	DIODE ISS119		R732	1-249-415-11	CARBON	680 5% 1/4W
D705	8-719-911-19	DIODE ISS119		R733	1-249-415-11	CARBON	680 5% 1/4W
D706	8-719-911-19	DIODE ISS119		R734	1-249-405-11	CARBON	100 5% 1/4W
D707	8-719-911-19	DIODE ISS119		R735	1-215-493-00	METAL	1M 1% 1/4W
D708	8-719-911-19	DIODE ISS119		R736	1-216-486-00	METAL OXIDE	8.2K 5% 3W F
D709	8-719-911-19	DIODE ISS119		R737	1-215-491-00	METAL	820K 1% 1/4W (KV-C2571D)
D710	8-719-911-19	DIODE ISS119			1-215-485-00	METAL	470K 1% 1/4W (KV-C2971D)
D711	8-719-300-33	DIODE RU-3AM		R739	1-249-417-11	CARBON	1K 5% 1/4W
D713	8-719-911-19	DIODE ISS119					
<JACK>							
J701	1-526-990-11	SOCKET, PICTURE TUBE					
<COIL>							
L704	1-408-415-00	INDUCTOR	33UH				
<TRANSISTOR>							
Q702	8-729-119-78	TRANSISTOR 2SC2785-HFE					
Q703	8-729-906-70	TRANSISTOR BF871					
Q704	8-729-200-17	TRANSISTOR 2SA1091-0					
Q705	8-729-119-78	TRANSISTOR 2SC2785-HFE					
Q706	8-729-906-70	TRANSISTOR BF871					
Q707	8-729-200-17	TRANSISTOR 2SA1091-0					
Q708	8-729-119-78	TRANSISTOR 2SC2785-HFE					
Q709	8-729-906-70	TRANSISTOR BF871					
Q710	8-729-200-17	TRANSISTOR 2SA1091-0					
<RESISTOR>							
R704	1-216-486-00	METAL OXIDE	8.2K 5% 3W F				
R705	1-202-824-00	SOLID	3.3K 10% 1/2W				
R706	1-249-409-11	CARBON	220 5% 1/4W				
R707	1-249-412-11	CARBON	390 5% 1/4W				
R708	1-249-401-11	CARBON	47 5% 1/4W				
R709	1-202-844-00	SOLID	330K 10% 1/2W				
R710	1-215-465-00	METAL	68K 1% 1/4W				
R711	1-249-426-11	CARBON	5.6K 5% 1/4W				
R712	1-249-417-11	CARBON	1K 5% 1/4W				
R713	1-215-471-00	METAL	120K 1% 1/4W				
R714	1-216-486-00	METAL OXIDE	8.2K 5% 3W F				
R715	1-202-824-00	SOLID	3.3K 10% 1/2W				
R716	1-249-409-11	CARBON	220 5% 1/4W				
R717	1-249-415-11	CARBON	680 5% 1/4W				
R718	1-202-814-11	SOLID	33K 20% 1/2W				
R719	1-249-401-11	CARBON	47 5% 1/4W				
R720	1-249-423-11	CARBON	3.3K 5% 1/4W				
R721	1-202-842-11	SOLID	220K 20% 1/2W				
R722	1-202-848-00	SOLID	680K 10% 1/2W				
R723	1-249-417-11	CARBON	1K 5% 1/4W				
R724	1-202-846-00	SOLID	470K 20% 1/2W				

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
C253	1-163-009-11	CERAMIC CHIP	0.001MF 10% 50V	C613	1-136-539-11	FILM	0.0022MF 3% 2KV
C254	1-137-098-11	FILM	0.1MF 10% 100V	C614	1-102-030-00	CERAMIC	330PF 10% 500V
C255	1-124-636-00	ELECT	3300MF 20% 25V	C615	1-128-142-11	ELECT	1500MF 20% 25V
C261	1-124-903-11	ELECT	1MF 20% 50V	C616	1-102-030-00	CERAMIC	330PF 10% 500V
C262	1-124-927-11	ELECT	4.7MF 20% 50V	C617	1-124-122-11	ELECT	100MF 20% 50V
C263	1-163-009-11	CERAMIC CHIP	0.001MF 10% 50V	C618	1-162-115-00	CERAMIC	330PF 10% 2KV
C264	1-137-098-11	FILM	0.1MF 10% 100V				
C265	1-124-564-11	ELECT	4700MF 20% 25V	C619	1-124-556-11	ELECT	2200MF 20% 16V (KV-C2571D)
C270	1-137-035-11	FILM	0.47MF 10% 100V		1-128-320-11	ELECT	2200MF 20% 16V (KV-C2971D)
C274	1-137-035-11	FILM	0.47MF 10% 100V	C620	1-136-173-00	FILM	0.47MF 5% 50V
C501	1-124-927-11	ELECT	4.7MF 20% 50V	C621	1-124-347-00	ELECT	100MF 20% 160V
C502	1-124-927-11	ELECT	4.7MF 20% 50V	C622	1-128-320-11	ELECT	2200MF 20% 16V
C503	1-137-049-11	FILM	0.015MF 10% 400V	C623	1-124-910-11	ELECT	47MF 20% 50V
C504	1-163-121-00	CERAMIC CHIP	150PF 5% 50V	C624	1-124-122-11	ELECT	100MF 20% 50V
C505	1-137-365-11	FILM	0.0015MF 5% 50V	C625	1-124-360-00	ELECT	1000MF 20% 16V
C506	1-137-102-11	FILM	0.022MF 10% 250V	C626	1-124-907-11	ELECT	10MF 20% 50V
C507	1-137-033-11	FILM	0.33MF 10% 100V	C627	1-163-009-11	CERAMIC CHIP	0.001MF 10% 50V
C508	1-137-102-11	FILM	0.022MF 10% 250V	C631	1-124-927-11	ELECT	4.7MF 20% 50V
C509	1-137-098-11	FILM	0.1MF 10% 100V	C632	1-163-009-11	CERAMIC CHIP	0.001MF 10% 50V
C510	1-161-959-00	CERAMIC	22PF 10% 500V	C633	1-163-117-00	CERAMIC CHIP	100PF 5% 50V
C511	1-137-413-91	FILM	0.0033MF 10% 100V				
C512	1-137-098-11	FILM	0.1MF 10% 100V	C801	1-126-105-11	ELECT	1000MF 20% 35V
C513	1-163-125-00	CERAMIC CHIP	220PF 5% 50V	C802	1-102-030-00	CERAMIC	330PF 10% 500V
C514	1-137-031-11	FILM	0.22MF 10% 100V	C804	1-123-948-00	ELECT	22MF 20% 250V
C515	1-124-903-11	ELECT	1MF 20% 50V	C805	1-162-114-00	CERAMIC	0.0047MF 2KV
C516	1-108-680-11	MYLAR	0.001MF 10% 100V	C806	1-137-098-11	FILM	0.1MF 10% 100V
C517	1-124-252-00	ELECT	0.33MF 20% 50V	C807	1-106-395-00	MYLAR	0.15MF 10% 200V
C518	1-124-902-00	ELECT	0.47MF 20% 50V	C810	1-123-024-21	ELECT	33MF 160V
C519	1-136-173-00	FILM	0.47MF 5% 50V (KV-C2571D)	C811	1-136-113-00	FILM	2MF 5% 200V
	1-136-171-00	FILM	0.33MF 5% 50V (KV-C2971D)	C812	1-124-634-11	ELECT	1MF 20% 250V
C520	1-164-161-11	CERAMIC CHIP	0.0022MF 10% 50V	C813	1-102-212-00	CERAMIC	820PF 10% 500V
C521	1-137-098-11	FILM	0.1MF 10% 100V				
C522	1-124-122-11	ELECT	100MF 20% 50V	C814	Δ 1-161-731-51	CERAMIC	0.001MF 10% 2KV
C523	1-108-680-11	MYLAR	0.001MF 10% 100V	C815	1-136-111-00	FILM	1MF 5% 200V (KV-C2571D)
C524	1-137-367-91	FILM	0.0033MF 5% 50V		1-136-540-11	FILM	0.82MF 5% 200V (KV-C2971D)
C525	1-163-117-00	CERAMIC CHIP	100PF 5% 50V	C817	Δ 1-136-565-11	FILM	0.015MF 3% 1KV (KV-C2571D)
C526	1-163-103-00	CERAMIC CHIP	27PF 5% 50V (KV-C2571D)		Δ 1-136-591-11	FILM	0.017MF 3% 1KV (KV-C2971D)
	1-163-101-00	CERAMIC CHIP	22PF 5% 50V (KV-C2971D)	C818	Δ 1-129-721-51	FILM	0.039MF 10% 630V
C527	1-137-098-11	FILM	0.1MF 10% 100V	C819	Δ 1-161-731-51	CERAMIC	0.001MF 10% 2KV
C531	1-124-190-00	ELECT	680MF 10% 25V	C820	1-137-046-11	FILM	0.0082MF 10% 400V
C532	1-124-122-11	ELECT	100MF 20% 50V	C821	Δ 1-162-116-51	CERAMIC	680PF 10% 2KV (KV-C2571D)
C533	1-137-096-11	FILM	0.068MF 10% 100V		Δ 1-162-134-51	CERAMIC	470PF 10% 2KV (KV-C2971D)
C534	1-124-120-11	ELECT	220MF 20% 16V	C822	1-163-005-11	CERAMIC CHIP	470PF 10% 50V
C536	1-131-365-00	TANTALUM	10MF 10% 16V	C823	1-137-043-11	FILM	0.0047MF 10% 400V
C537	1-124-903-11	ELECT	1MF 20% 50V	C824	1-102-212-00	CERAMIC	820PF 10% 500V
C538	1-108-680-11	MYLAR	0.001MF 10% 100V	C825	1-137-102-11	FILM	0.022MF 10% 250V
C539	1-163-129-00	CERAMIC CHIP	330PF 5% 50V				
C540	1-163-009-11	CERAMIC CHIP	0.001MF 10% 50V	C1601	Δ 1-136-518-11	FILM	0.33MF 20% 300V
C592	1-124-122-11	ELECT	100MF 20% 50V	C1602	Δ 1-136-519-11	FILM	0.47MF 20% 300V
C593	1-163-129-00	CERAMIC CHIP	330PF 5% 50V	C1603	Δ 1-164-246-61	CERAMIC	0.0022MF 20% 400V (KV-C2571D)
C601	Δ 1-161-964-61	CERAMIC	0.0047MF 250V		1-164-246-51	CERAMIC	0.0022MF 20% 400V (KV-C2971D)
C602	Δ 1-161-964-61	CERAMIC	0.0047MF 250V	C1605	Δ 1-164-246-61	CERAMIC	0.0022MF 20% 400V (KV-C2571D)
C603	Δ 1-161-964-61	CERAMIC	0.0047MF 250V		1-164-246-51	CERAMIC	0.0022MF 20% 400V (KV-C2971D)
C604	Δ 1-125-318-11	ELECT (BLOCK)	220MF 20% 400V	C1607	Δ 1-161-964-61	CERAMIC	0.0047MF 250V
C605	1-124-484-11	ELECT	220MF 20% 35V				
C606	1-163-137-00	CERAMIC CHIP	680PF 5% 50V				
C607	1-137-028-11	FILM	1MF 10% 63V				
C608	1-124-927-11	ELECT	4.7MF 20% 50V				
C611	1-124-910-11	ELECT	47MF 20% 50V				
C612	1-108-680-11	MYLAR	0.001MF 10% 100V				
<FILTER>							
CF001	1-577-364-11	VIBRATOR, CERAMIC					
CF501	1-567-888-11	OSCILLATOR, CERAMIC					

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D

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
<CONNECTOR>				D613	8-719-302-43	DIODE EL1Z	
D1	*1-568-881-51	PIN, CONNECTOR 6P		D614	8-719-302-43	DIODE EL1Z	
D2	*1-568-882-51	PIN, CONNECTOR 7P		D616	8-719-921-54	DIODE MTZJ-6.2B	
D11	*1-565-394-11	PIN, BOARD TO BOARD CONNECTOR		D617	8-719-911-19	DIODE ISS119	
D12	*1-565-394-11	PIN, BOARD TO BOARD CONNECTOR		D618	8-719-109-89	DIODE RD5.6ES-B2	
D18	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH) (KV-C2971D)		D619	8-719-982-24	DIODE MTZJ-33A	
D21	*1-565-394-11	PIN, BOARD TO BOARD CONNECTOR		D620	8-719-800-76	DIODE ISS226	
D22	*1-565-394-11	PIN, BOARD TO BOARD CONNECTOR		D621	8-719-982-24	DIODE MTZJ-33A	
D25	*1-568-880-51	PIN, CONNECTOR 5P		D622	8-719-911-19	DIODE ISS119	
D27	*1-568-878-51	PIN, CONNECTOR 3P		D623	8-719-911-19	DIODE ISS119	
D31	*1-565-394-11	PIN, BOARD TO BOARD CONNECTOR		D624	8-719-911-19	DIODE ISS119	
D32	*1-565-394-11	PIN, BOARD TO BOARD CONNECTOR		D630	8-719-921-91	DIODE MTZJ-15A	
D33	*1-565-394-11	PIN, BOARD TO BOARD CONNECTOR		D801	8-719-300-33	DIODE RU-3AM	
D41	*1-566-367-11	CONNECTOR, HINGE (RECEPTACLE)		D802	8-719-300-33	DIODE RU-3AM	
D44	*1-568-881-51	PIN, CONNECTOR 6P		D803	8-719-976-64	DIODE RGP02-17	
D45	*1-568-881-51	PIN, CONNECTOR 6P		D804	8-719-911-55	DIODE U05G	
D51	*1-566-367-11	CONNECTOR, HINGE (RECEPTACLE)		D805	8-719-911-55	DIODE U05G	
D62	*1-565-395-11	PIN, CONNECTOR 3P		D806	8-719-945-80	DIODE ERC06-15S	
D65	*1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P		D807	8-719-945-80	DIODE ERC06-15S	
D66	*1-508-786-00	PIN, CONNECTOR (5MM PITCH) 2P		D808	8-719-900-26	DIODE ERD29-08J	
D82	*1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P		<IC>			
D83	*1-508-786-00	PIN, CONNECTOR (5MM PITCH) 2P		IC001	8-759-047-60	IC SDA20560-A012	
D84	*1-580-798-11	CONNECTOR PIN (DY) 6P		IC002	8-759-000-47	IC MC14051BCP	
D88	*1-568-878-51	PIN, CONNECTOR 3P (KV-C2971D)		IC003	8-759-945-58	IC RC4558P	
D801	*1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P		IC005	8-759-748-56	IC SDA2546	
<DIODE>				IC251	8-759-988-94	IC TDA2050	
D001	8-719-109-97	DIODE RD6.8ES-B2		IC261	4-812-134-00	RIVET NYLON, 3.5; IC251	
D003	8-719-911-19	DIODE ISS119		IC501	8-759-988-94	IC TDA2050	
D005	8-719-109-89	DIODE RD5.6ES-B2		IC502	4-812-134-00	RIVET NYLON, 3.5; IC261	
D006	8-719-982-24	DIODE MTZJ-33A		IC501	8-759-970-73	IC TEA2028B	
D007	8-719-982-08	DIODE MTZJ-3.9B		IC502	8-759-944-57	IC TDA8170	
D009	8-719-109-89	DIODE RD5.6ES-B2		IC601	8-759-988-95	IC TEA2260	
D010	8-719-921-54	DIODE MTZJ-6.2B		IC604	8-759-510-52	IC TEA7605	
D011	8-719-921-54	DIODE MTZJ-6.2B		IC608	8-759-929-62	IC LM7812CT	
D012	8-719-911-19	DIODE ISS119		<COIL>			
D013	8-719-109-97	DIODE RD6.8ES-B2		L501	1-408-225-00	INDUCTOR 3.3UH	
D015	8-719-109-97	DIODE RD6.8ES-B2		L601	1-420-872-00	COIL, AIR CORE	
D271	8-719-110-31	DIODE RD12ES-B2 (KV-C2571D)		L602	1-410-396-41	FERRITE BEAD INDUCTOR	
D272	8-719-921-88	DIODE MTZJ-13B (KV-C2971D)		L603	1-410-396-41	FERRITE BEAD INDUCTOR	
D501	8-719-911-19	DIODE ISS119		L604	1-410-671-31	INDUCTOR 47UH	
D504	8-719-911-55	DIODE U05G		L605	1-459-585-11	COIL (WITH CORE) (DRUM TYPE)	
D506	8-719-800-76	DIODE ISS226 (KV-C2571D)		L606	1-412-529-11	INDUCTOR 22UH	
D508	8-719-911-19	DIODE ISS119		L607	1-410-671-31	INDUCTOR 47UH	
D509	8-719-911-19	DIODE ISS119		L801	1-459-087-00	COIL, HCC DUST CORE 3.9MMH (KV-C2971D)	
D511	8-719-911-55	DIODE U05G		L803	1-459-104-00	COIL, WITH CORE	
D512	8-719-911-55	DIODE U05G		L804	1-408-239-00	INDUCTOR 4.7MMH	
D513	8-719-010-34	DIODE UZ-4.7BSC		L805	1-459-755-11	COIL, HORIZONTAL LINEARITY (KV-C2571D)	
D514	8-719-911-19	DIODE ISS119 (KV-C2971D)		L806	1-459-907-11	COIL, HORIZONTAL LINEARITY (KV-C2971D)	
D515	8-719-911-19	DIODE ISS119 (KV-C2971D)		L806	1-459-111-00	COIL, DRAM CORE (CDI) (KV-C2571D)	
D601	Δ 8-719-510-63	DIODE D4S860L-F		L806	1-459-087-00	COIL, HCC DUST CORE 3.9MMH (KV-C2971D)	
D602	8-719-300-33	DIODE RU-3AM		L809	1-420-872-00	COIL, AIR CORE	
D603	8-719-911-55	DIODE U05G		L810	1-421-982-11	PMC (KV-C2571D)	
D604	8-719-911-55	DIODE U05G		L810	1-421-794-21	TRANSFORMER, FERRITE (PMT) (KV-C2971D)	
D605	8-719-911-55	DIODE U05G		<TRANSFORMER>			
D606	8-719-300-33	DIODE RU-3AM		LF1601	Δ 1-421-866-12	LFT	
D607	8-719-300-33	DIODE RU-3AM		LF1602	Δ 1-421-776-21	LFT	
D608	8-719-300-33	DIODE RU-3AM		LF1603	Δ 1-421-862-11	LFT	
D609	8-719-982-24	DIODE MTZJ-33A		T601	Δ 1-450-038-11	S.R.T (KV-C2571D)	
D610	8-719-300-59	DIODE CTU-12S					
D611	8-719-900-26	DIODE ERD29-08J					
D612	8-719-300-59	DIODE CTU-12S					

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D

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
T601	Δ 1-450-037-11	S.R.T (KV-C2971D)		R013	1-216-073-00	METAL GLAZE 10K 5%	1/10W
T602	Δ 1-424-277-11	TRANSFORMER, TRIGGER PULSE		R014	1-216-085-00	METAL GLAZE 33K 5%	1/10W
T801	Δ 1-437-090-21	HDT		R015	1-216-061-00	METAL GLAZE 3.3K 5%	1/10W
T802	Δ 1-439-416-41	TRANSFORMER ASSY, FLYBACK (NX-1604) (KV-C2571D)		R016	1-216-085-00	METAL GLAZE 33K 5%	1/10W
	Δ 1-439-416-51	TRANSFORMER ASSY, FLYBACK (UX-1650) (KV-C2971D)		R017	1-216-689-11	METAL GLAZE 39K 5%	1/10W
<IC LINK>				R018	1-216-095-00	METAL GLAZE 82K 5%	1/10W
PS601	Δ 1-532-984-91	LINK, IC 2A		R019	1-216-025-00	METAL GLAZE 100 5%	1/10W
PS602	Δ 1-532-984-91	LINK, IC 2A		R020	1-216-025-00	METAL GLAZE 100 5%	1/10W
PS603	Δ 1-532-679-91	LINK, IC 0.6A		R021	1-216-065-00	METAL GLAZE 4.7K 5%	1/10W
PS604	Δ 1-532-984-91	LINK, IC 2A		R022	1-216-065-00	METAL GLAZE 4.7K 5%	1/10W
<TRANSISTOR>				R024	1-216-073-00	METAL GLAZE 10K 5%	1/10W
Q001	8-729-901-01	TRANSISTOR DTC144EK		R025	1-216-073-00	METAL GLAZE 10K 5%	1/10W
Q002	8-729-901-01	TRANSISTOR DTC144EK		R026	1-216-182-00	METAL GLAZE 220 5%	1/8W
Q003	8-729-216-22	TRANSISTOR 2SA1162-G		R027	1-216-025-00	METAL GLAZE 100 5%	1/10W
Q004	8-729-216-22	TRANSISTOR 2SA1162-G		R028	1-216-025-00	METAL GLAZE 100 5%	1/10W
Q005	8-729-901-01	TRANSISTOR DTC144EK		R029	1-216-073-00	METAL GLAZE 10K 5%	1/10W
Q006	8-729-901-01	TRANSISTOR DTC144EK		R030	1-216-073-00	METAL GLAZE 10K 5%	1/10W
Q007	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R031	1-216-081-00	METAL GLAZE 22K 5%	1/10W
Q008	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R032	1-216-073-00	METAL GLAZE 10K 5%	1/10W
Q009	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R033	1-216-073-00	METAL GLAZE 10K 5%	1/10W
Q010	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R034	1-216-077-00	METAL GLAZE 15K 5%	1/10W
Q251	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R035	1-216-081-00	METAL GLAZE 22K 5%	1/10W
Q261	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R036	1-216-083-00	METAL GLAZE 27K 5%	1/10W
Q271	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R037	1-216-069-00	METAL GLAZE 6.8K 5%	1/10W
Q502	8-729-216-22	TRANSISTOR 2SA1162-G		R038	1-216-069-00	METAL GLAZE 6.8K 5%	1/10W
Q505	8-729-140-96	TRANSISTOR 2SD774-34		R039	1-216-081-00	METAL GLAZE 22K 5%	1/10W
Q506	8-729-140-97	TRANSISTOR 2SB734-34		R040	1-216-077-00	METAL GLAZE 15K 5%	1/10W
Q507	8-729-216-22	TRANSISTOR 2SA1162-G		R041	1-216-073-00	METAL GLAZE 10K 5%	1/10W
Q598	8-729-216-22	TRANSISTOR 2SA1162-G		R042	1-216-049-00	METAL GLAZE 1K 5%	1/10W
Q601	8-729-122-03	TRANSISTOR 2SA1220A-P		R043	1-216-041-00	METAL GLAZE 470 5%	1/10W
Q602	8-729-209-02	TRANSISTOR 2SD1548-LB		R044	1-216-097-00	METAL GLAZE 100K 5%	1/10W
Q603	8-729-122-03	TRANSISTOR 2SA1220A-P		R045	1-216-061-00	METAL GLAZE 3.3K 5%	1/10W
Q604	8-729-216-22	TRANSISTOR 2SA1162-G		R046	1-216-095-00	METAL GLAZE 82K 5%	1/10W
Q605	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R047	1-216-073-00	METAL GLAZE 10K 5%	1/10W
Q606	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R048	1-216-073-00	METAL GLAZE 10K 5%	1/10W
Q607	8-729-920-92	TRANSISTOR 2SD2096-EF		R049	1-216-073-00	METAL GLAZE 10K 5%	1/10W
Q608	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R050	1-216-067-00	METAL GLAZE 5.6K 5%	1/10W
Q609	8-729-320-62	TRANSISTOR 2SD789-34		R051	1-216-041-00	METAL GLAZE 470 5%	1/10W
Q801	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R052	1-216-049-00	METAL GLAZE 1K 5%	1/10W
Q804	8-729-304-50	TRANSISTOR 2SD1941-06		R053	1-216-049-00	METAL GLAZE 1K 5%	1/10W
Q805	8-729-119-80	TRANSISTOR 2SC2688-LK		R054	1-216-049-00	METAL GLAZE 1K 5%	1/10W
<RESISTOR>				R055	1-216-037-00	METAL GLAZE 330 5%	1/10W
JR1	1-216-296-00	METAL GLAZE 0 5%	1/8W	R056	1-216-073-00	METAL GLAZE 10K 5%	1/10W
JR3	1-216-296-00	METAL GLAZE 0 5%	1/8W	R057	1-216-025-00	METAL GLAZE 100 5%	1/10W
JR4	1-216-295-00	METAL GLAZE 0 5%	1/10W	R058	1-216-049-00	METAL GLAZE 1K 5%	1/10W
JR7	1-216-296-00	METAL GLAZE 0 5%	1/8W	R059	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R001	1-216-041-00	METAL GLAZE 470 5%	1/10W	R060	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R002	1-216-041-00	METAL GLAZE 470 5%	1/10W	R061	1-216-065-00	METAL GLAZE 4.7K 5%	1/10W
R003	1-216-198-00	METAL GLAZE 1K 5%	1/8W	R062	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R004	1-216-049-00	METAL GLAZE 1K 5%	1/10W	R063	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R005	1-216-081-00	METAL GLAZE 22K 5%	1/10W	R064	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R006	1-216-073-00	METAL GLAZE 10K 5%	1/10W	R065	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R007	1-216-065-00	METAL GLAZE 4.7K 5%	1/10W	R066	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R008	1-216-073-00	METAL GLAZE 10K 5%	1/10W	R067	1-216-073-00	METAL GLAZE 10K 5%	1/10W
R009	1-216-073-00	METAL GLAZE 10K 5%	1/10W	R068	1-216-174-00	METAL GLAZE 100 5%	1/8W
R010	1-216-041-00	METAL GLAZE 470 5%	1/10W	R069	1-216-174-00	METAL GLAZE 100 5%	1/8W
R012	1-216-073-00	METAL GLAZE 10K 5%	1/10W	R070	1-216-198-00	METAL GLAZE 1K 5%	1/8W
				R071	1-216-198-00	METAL GLAZE 1K 5%	1/8W
				R072	1-216-222-00	METAL GLAZE 10K 5%	1/8W
				R073	1-216-073-00	METAL GLAZE 10K 5%	1/10W
				R075	1-216-041-00	METAL GLAZE 470 5%	1/10W
				R076	1-216-073-00	METAL GLAZE 10K 5%	1/10W
				R077	1-216-049-00	METAL GLAZE 1K 5%	1/10W

(KV-C2971D)

D

REF. NO.	PART NO.	DESCRIPTION				
R078	1-216-198-00	METAL GLAZE	1K	5%	1/8W	
R079	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R080	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R081	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R083	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R084	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R085	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R086	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R087	1-216-035-00	METAL GLAZE	270	5%	1/10W	
R088	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W	
R093	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R094	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R095	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R096	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R098	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R251	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R252	1-216-039-00	METAL GLAZE	390	5%	1/10W	
R253	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R254	1-216-357-00	METAL OXIDE	4.7	5%	1W	
R255	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R256	1-216-115-00	METAL GLAZE	560K	5%	1/10W	
R257	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R258	1-215-869-11	METAL OXIDE	1K	5%	1W	
R259	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R261	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R262	1-216-039-00	METAL GLAZE	390	5%	1/10W	
R263	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R264	1-216-357-00	METAL OXIDE	4.7	5%	1W	
R265	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R266	1-216-115-00	METAL GLAZE	560K	5%	1/10W	
R267	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R268	1-215-869-11	METAL OXIDE	1K	5%	1W	
R269	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R270	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R271	1-216-045-00	METAL GLAZE	680	5%	1/10W	
R272	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R273	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R274	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R500	1-216-115-00	METAL GLAZE	560K	5%	1/10W	
R501	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R502	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R503	1-216-035-00	METAL GLAZE	270	5%	1/10W	
R504	1-249-420-11	CARBON	1.8K	5%	1/4W	
R505	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R506	1-216-071-00	METAL GLAZE	8.2K	5%	1/10W	
R509	1-216-063-00	METAL GLAZE	3.9K	5%	1/10W	
R510	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W	
R514	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R515	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	
R517	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R518	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R519	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R520	1-216-037-00	METAL GLAZE	330	5%	1/10W	
R521	1-216-025-00	METAL GLAZE	100	5%	1/10W	
R522	1-215-469-00	METAL	100K	1%	1/4W	
R523	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R524	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R525	1-216-049-00	METAL GLAZE	1K	5%	1/10W	(K)
R526	1-249-409-11	CARBON	220	5%	1/4W	
R527	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R528	1-216-031-00	METAL GLAZE	180	5%	1/10W	
R529	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	

REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK		
	R530	1-249-448-11	CARBON	1.2	5%	1/4W F
	R531	1-216-099-00	METAL GLAZE	120K	5%	1/10W
	R532	1-216-049-00	METAL GLAZE	1K	5%	1/10W
	R533	1-216-295-00	METAL GLAZE	0	5%	1/10W
	R534	1-216-119-00	METAL GLAZE	820K	5%	1/10W
	R535	1-249-749-00	CARBON	2.2M	5%	1/4W
	R536	1-216-129-00	METAL GLAZE	2.2M	5%	1/10W
	R537	1-216-083-00	METAL GLAZE	27K	5%	1/10W
	R538	1-216-101-00	METAL GLAZE	150K	5%	1/10W
	R539	1-216-101-00	METAL GLAZE	150K	5%	1/10W
	R540	1-216-013-00	METAL GLAZE	33	5%	1/10W
	R541	1-216-091-00	METAL GLAZE	56K	5%	1/10W
	R542	1-216-308-00	METAL GLAZE	4.7	5%	1/10W
	R543	1-249-451-11	CARBON	2.2	5%	1/4W
	R544	1-247-745-11	CARBON	330	5%	1/2W
	R545	1-216-081-00	METAL GLAZE	22K	5%	1/10W
	R546	1-216-083-00	METAL GLAZE	27K	5%	1/10W
	R547	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
	R548	1-216-349-00	METAL OXIDE	1	5%	1W F
	R549	1-216-454-11	METAL OXIDE	390	5%	2W F
	R550	1-216-095-00	METAL GLAZE	82K	5%	1/10W
	R551	1-216-129-00	METAL GLAZE	2.2M	5%	1/10W
	R553	1-215-869-11	METAL OXIDE	1K	5%	1W
	R554	1-216-037-00	METAL GLAZE	330	5%	1/10W
	R555	1-216-129-00	METAL GLAZE	2.2M	5%	1/10W
	R556	1-216-025-00	METAL GLAZE	100	5%	1/10W
	R557	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
	R558	1-216-113-00	METAL GLAZE	470K	5%	1/10W
	R559	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
	R560	1-216-037-00	METAL GLAZE	330	5%	1/10W
	R561	1-216-107-00	METAL GLAZE	270K	5%	1/10W
						(KV-C2971D)
	R570	1-216-045-00	METAL GLAZE	680	5%	1/10W (KV-C2971D)
	R591	1-216-047-00	METAL GLAZE	820	5%	1/10W
	R592	1-216-049-00	METAL GLAZE	1K	5%	1/10W
	R593	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
	R594	1-216-071-00	METAL GLAZE	8.2K	5%	1/10W
	R597	1-216-041-00	METAL GLAZE	470	5%	1/10W
	R598	1-215-901-00	METAL OXIDE	33K	5%	2W F
	R600	1-249-381-11	CARBON	1	5%	1/4W
	R601	1-216-353-00	METAL OXIDE	2.2	5%	1W F
	R603	1-216-469-11	METAL OXIDE	12	5%	3W F
	R604	1-216-025-00	METAL GLAZE	100	5%	1/10W
	R605	1-216-081-00	METAL GLAZE	22K	5%	1/10W
	R606	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W
	R607	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W (KV-C2571D)
		1-216-067-00	METAL GLAZE	5.6K	5%	1/10W (KV-C2971D)
	R608	1-216-488-11	METAL OXIDE	18K	5%	3W F
	R609	1-216-007-00	METAL GLAZE	18	5%	1/10W
	R610	1-244 941-00	CARBON	680K	5%	1/2W
	R611	1-216-015-00	METAL GLAZE	39	5%	1/10W
	R612	1-216-049-00	METAL GLAZE	1K	5%	1/10W
	R613	1-216-097-00	METAL GLAZE	100K	5%	1/10W
	R614	1-205-758-11	WIREWOUND	100	10%	10W F
	R616	1-216-099-00	METAL GLAZE	120K	5%	1/10W
	R617	1-216-037-00	METAL GLAZE	330	5%	1/10W
	R618	1-216-431-11	METAL OXIDE	560	5%	1W F
	R619	1-216-073-00	METAL GLAZE	10K	5%	1/10W
	R620	1-216-081-00	METAL GLAZE	22K	5%	1/10W
	R621	1-216-077-00	METAL GLAZE	15K	5%	1/10W

The components identified by shading and mark **A** are critical for safety.
Replace only with part number specified.

REF. NO.	PART NO.	DESCRIPTION			REMARK
R622	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R623	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R624	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W
R625	1-215-865-11	METAL OXIDE	220	5%	1W F
R626	1-216-037-00	METAL GLAZE	330	5%	1/10W
R628	1-216-001-00	METAL GLAZE	10	5%	1/10W
R629	1-216-037-00	METAL GLAZE	330	5%	1/10W
R631	1-216-465-11	METAL OXIDE	27K	5%	2W F (KV-C2571D)
R633	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R634	1-216-430-11	METAL OXIDE	390	5%	1W F
R635	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R636	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R643	1-217-189-21	WIREWOUND	0.12	5%	2W F
R651	1-216-025-00	METAL GLAZE	100	5%	1/10W
R653	1-205-758-11	WIREWOUND	100	10%	10W F
R802	1-249-443-11	CARBON	0.47	5%	1/4W F
R805	1-249-448-11	CARBON	1.2	5%	1/4W F
R806	1-216-093-00	METAL GLAZE	68K	5%	1/10W
R807	1-217-778-11	FUSIBLE	1K	5%	1W F
R809	1-202-821-11	SOLID	1.8K	10%	1/2W
R810	1-202-818-00	SOLID	1K	10%	1/2W
R811	1-215-882-00	METAL OXIDE	22	5%	2W F
R812	1-249-494-11	CARBON	68K	5%	1/2W (KV-C2571D)
	1-247-281-00	CARBON	51K	5%	1/2W (KV-C2971D)
R815	1-215-884-11	METAL OXIDE	47	5%	2W F
R816	1-215-868-00	METAL OXIDE	680	5%	1W F
R817	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R820	1-249-403-11	CARBON	68	5%	1/4W
R821	1-247-725-11	CARBON	10K	5%	1/4W F
R822	1-217-778-11	FUSIBLE	1K	5%	1W F
R825	1-216-345-11	METAL OXIDE	0.47	5%	1W F
R826	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R827	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R828	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W
R829	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W
R831	1-249-451-11	CARBON	2.2	5%	1/4W
R1601A	1-246-513-75	CARBON	47K	5%	1/4W
R1602A	1-244-945-91	CARBON	1M	5%	1/2W
R1603A	1-217-328-11	WIREWOUND	2.7	10%	7W F
R1604A	1-246-513-75	CARBON	47K	5%	1/4W
R1605A	1-218-265-91	METAL GLAZE	8.2M	5%	1W
R5501	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R5503	1-216-308-00	METAL GLAZE	4.7	5%	1/10W (KV-C2571D)
	1-216-001-00	METAL GLAZE	10	5%	1/10W (KV-C2971D)
R5504	1-216-121-00	METAL GLAZE	1M	5%	1/10W
R5505	1-216-001-00	METAL GLAZE	10	5%	1/10W
R5506	1-216-075-00	METAL GLAZE	12K	5%	1/10W (KV-C2971D)
<VARIABLE RESISTOR>					
RV501	1-238-013-11	RES. ADJ. CARBON 2.2K			
RV502	1-238-016-11	RES. ADJ. CARBON 10K			
RV601	1-238-011-11	RES. ADJ. CARBON 470			
<SPARK GAP>					
SG801	1-519-422-11	GAP, SPARK			

The components identified by
shading and mark Δ are criti-
cal for safety.
Replace only with part number
specified.

V

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
<CAPACITOR>				<TRANSISTOR>			
C1	1-126-101-11	ELECT 100MF	20%	Q1	8-729-900-53	TRANSISTOR DTC114EK	
C2	1-163-038-00	CERAMIC CHIP 0.1MF		Q2	8-729-920-92	TRANSISTOR 2SD2096-EF	
C3	1-124-120-11	ELECT 220MF	20%	Q3	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
C4	1-163-077-00	CERAMIC CHIP 0.1MF		Q4	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
C5	1-124-120-11	ELECT 220MF	20%	Q5	8-729-807-87	TRANSISTOR 2SB1295-UL6	
C6	1-163-038-00	CERAMIC CHIP 0.1MF		Q6	8-729-807-87	TRANSISTOR 2SB1295-UL6	
C7	1-163-235-11	CERAMIC CHIP 22PF	5%	Q7	8-729-807-87	TRANSISTOR 2SB1295-UL6	
C8	1-163-235-11	CERAMIC CHIP 22PF	5%	Q8	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
C9	1-163-235-11	CERAMIC CHIP 22PF	5%	<RESISTOR>			
C10	1-163-038-00	CERAMIC CHIP 0.1MF		JR01	1-216-295-00	METAL GLAZE 0	5%
C11	1-163-038-00	CERAMIC CHIP 0.1MF		JR02	1-216-295-00	METAL GLAZE 0	5%
C12	1-163-038-00	CERAMIC CHIP 0.1MF		JR03	1-216-295-00	METAL GLAZE 0	5%
C13	1-163-038-00	CERAMIC CHIP 0.1MF		JR08	1-216-295-00	METAL GLAZE 0	5%
C14	1-124-927-11	ELECT 4.7MF	20%	JR09	1-216-295-00	METAL GLAZE 0	5%
C15	1-126-233-11	ELECT 22MF	20%	JR11	1-216-295-00	METAL GLAZE 0	5%
C16	1-163-141-00	CERAMIC CHIP 0.001MF	5%	JR14	1-216-296-00	METAL GLAZE 0	5%
C17	1-163-141-00	CERAMIC CHIP 0.001MF	5%	JR17	1-216-295-00	METAL GLAZE 0	5%
C18	1-163-141-00	CERAMIC CHIP 0.001MF	5%	JR18	1-216-296-00	METAL GLAZE 0	5%
C26	1-163-038-00	CERAMIC CHIP 0.1MF		JR19	1-216-296-00	METAL GLAZE 0	5%
C27	1-163-117-00	CERAMIC CHIP 100PF	5%	JR20	1-216-296-00	METAL GLAZE 0	5%
C28	1-163-117-00	CERAMIC CHIP 100PF	5%	JR21	1-216-296-00	METAL GLAZE 0	5%
C29	1-163-117-00	CERAMIC CHIP 100PF	5%	JR23	1-216-295-00	METAL GLAZE 0	5%
C32	1-163-038-00	CERAMIC CHIP 0.1MF		JR24	1-216-296-00	METAL GLAZE 0	5%
C33	1-163-038-00	CERAMIC CHIP 0.1MF		JR25	1-216-296-00	METAL GLAZE 0	5%
<CONNECTOR>				JR26	1-216-296-00	METAL GLAZE 0	5%
CNV1	*1-565-393-11	CONNECTOR, BOARD TO BOARD		JR201	1-216-295-00	METAL GLAZE 0	5%
CNV2	*1-565-393-11	CONNECTOR, BOARD TO BOARD		JR204	1-216-295-00	METAL GLAZE 0	5%
<DIODE>				JR207	1-216-295-00	METAL GLAZE 0	5%
D1	8-719-105-91	DIODE RD5.6M-B2		JR208	1-216-295-00	METAL GLAZE 0	5%
D3	8-719-104-34	DIODE IS2836 (KV-C2571D)		JR211	1-216-295-00	METAL GLAZE 0	5%
D4	8-719-914-44	DIODE DAP202K (KV-C2971D)		JR213	1-216-295-00	METAL GLAZE 0	5%
D5	8-719-400-18	DIODE MA152WK		JR219	1-216-296-00	METAL GLAZE 0	5%
D6	8-719-914-44	DIODE DAP202K (KV-C2971D)		JR220	1-216-295-00	METAL GLAZE 0	5%
D7	8-719-105-52	DIODE RD3.6M-B2		JR223	1-216-295-00	METAL GLAZE 0	5%
D9	8-719-106-17	DIODE RD6.8M-B2		<DIODE>			
<IC>				R1	1-218-326-11	METAL GLAZE 470	5%
IC1	8-759-039-18	IC SDA20162-B002		R3	1-216-049-00	METAL GLAZE 1K	5%
IC2	8-759-045-54	IC SAA5246P/E/M4A		R4	1-216-025-00	METAL GLAZE 100	5%
IC3	8-759-510-49	IC FCB61C65L-70P		R5	1-216-047-00	METAL GLAZE 820	5%
<COIL>				R6	1-216-001-00	METAL GLAZE 10	5%
L1	1-408-403-00	INDUCTOR 3.3UH		R7	1-216-083-00	METAL GLAZE 27K	5%
L2	1-408-407-00	INDUCTOR 6.8UH		R8	1-216-071-00	METAL GLAZE 8.2K	5%
L3	1-408-407-00	INDUCTOR 6.8UH		R9	1-216-308-00	METAL GLAZE 4.7	5%
L4	1-408-407-00	INDUCTOR 6.8UH		R02	1-216-214-00	METAL GLAZE 4.7K	5%
<IC LINK>				R10	1-218-325-11	METAL GLAZE 120	5%
PS1	Δ 1-532-679-91	LINK, IC 0.6A		R11	1-218-325-11	METAL GLAZE 120	5%
				R12	1-218-325-11	METAL GLAZE 120	5%
				R13	1-216-025-00	METAL GLAZE 100	5%
				R14	1-216-001-00	METAL GLAZE 10	5%
				R15	1-216-013-00	METAL GLAZE 33	5%
				R16	1-216-013-00	METAL GLAZE 33	5%
				R17	1-216-013-00	METAL GLAZE 33	5%
				R18	1-216-025-00	METAL GLAZE 100	5%
				R19	1-216-025-00	METAL GLAZE 100	5%
				R20	1-216-041-00	METAL GLAZE 470	5%
				R21	1-216-041-00	METAL GLAZE 470	5%
				R22	1-216-168-00	METAL GLAZE 56	5%
				R23	1-216-214-00	METAL GLAZE 4.7K	5%
				R24	1-216-055-00	METAL GLAZE 1.8K	5%
				R25	1-216-065-00	METAL GLAZE 4.7K	5%

V H2 H1 K

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
R26	1-216-049-00	METAL GLAZE 1K	5%	C1655	1-102-074-00	CERAMIC 0.001MF	10% 50V
R27	1-216-214-00	METAL GLAZE 4.7K	5%	<CONNECTOR>			
R28	1-216-067-00	METAL GLAZE 5.6K	5%	H1-1	*1-568-881-51	PIN, CONNECTOR 6P	
R34	1-216-065-00	METAL GLAZE 4.7K	5%	H1-02	1-568-678-11	TERMINAL BLOCK, S 3P	
R35	1-216-065-00	METAL GLAZE 4.7K	5%	H1-4	*1-568-879-51	PIN, CONNECTOR 4P	
R40	1-216-065-00	METAL GLAZE 4.7K	5%	H1-05	1-562-837-11	JACK	
R41	1-216-065-00	METAL GLAZE 4.7K	5%	H1-23	*1-568-879-51	PIN, CONNECTOR 4P	
R42	1-216-049-00	METAL GLAZE 1K	5%	H1-26	*1-568-877-51	PIN, CONNECTOR 2P	
R44	1-216-295-00	METAL GLAZE 0	5%	H1-43	*1-564-512-11	PLUG, CONNECTOR 9P	
R46	1-216-065-00	METAL GLAZE 4.7K	5%	<RESISTOR>			
R47	1-216-065-00	METAL GLAZE 4.7K	5%	R1651	1-249-413-11	CARBON 470	5%
R49	1-216-049-00	METAL GLAZE 1K	5%	R1652	1-249-413-11	CARBON 470	5%
R50	1-216-296-00	METAL GLAZE 0	5%	<SWITCH>			
<VARIABLE RESISTOR>				S1651	1-571-532-21	SWITCH, TACTIL	
RV1	1-238-012-11	RES, ADJ, CARBON 1K		S1652	1-571-532-21	SWITCH, TACTIL	
<CRYSTAL>				S1653	1-571-532-21	SWITCH, TACTIL	
X1	1-579-266-31	CRYSTAL VIBRATOR		<CAPACITOR>			
X2	1-577-364-11	VIBRATOR, CERAMIC		C280	1-124-927-11	ELECT 4.7MF	20%
*****				C281	1-124-927-11	ELECT 4.7MF	20%
*1-638-745-11	H2 BOARD (KV-C2571D)	*****		C282	1-137-025-91	FILM 0.56MF	10%
*1-638-392-11	H2 BOARD (KV-C2971D)	*****		C283	1-124-927-11	ELECT 4.7MF	20%
*4-374-987-01	GUIDE, LIGHT			C284	1-124-557-11	ELECT 1000MF	20%
*4-381-686-01	BRACKET (B), LIGHT GUIDE			C285	1-124-557-11	ELECT 1000MF	20%
<DIODE>				C286	1-101-006-00	CERAMIC 0.047MF	50V
D1651	8-719-948-31	DIODE LD-201VR		C287	1-137-098-11	FILM 0.1MF	10%
*4-201-076-01	HOLDER, LED; D1651			<IC>			
D1652	8-719-948-31	DIODE LD-201VR		IC271	8-759-988-94	IC TDA2050	
*4-201-076-01	HOLDER, LED; D1652			<CONNECTOR>			
D1654	8-719-948-31	DIODE LD-201VR		K3	*1-568-878-51	PIN, CONNECTOR 3P	
*4-201-076-01	HOLDER, LED; D1654			K25	*1-568-880-51	PIN, CONNECTOR 5P	
<CONNECTOR>				K26	*1-568-877-51	PIN, CONNECTOR 2P	
H2-2	*1-568-882-51	PIN, CONNECTOR 7P		K27	*1-568-878-51	PIN, CONNECTOR 3P	
<IC>				<TRANSISTOR>			
IC1651	8-741-101-75	IC SBX1610-11		Q203	8-729-900-80	TRANSISTOR DTC114ES	
<RESISTOR>				Q204	8-729-900-80	TRANSISTOR DTC114ES	
R1662	1-249-413-11	CARBON 470	5%	Q205	8-729-119-78	TRANSISTOR 2SC2785-HFE	
*****				<RESISTOR>			
*1-638-744-11	H1 BOARD (KV-C2571D)	*****		R280	1-249-431-11	CARBON 15K	5%
*1-638-391-11	H1 BOARD (KV-C2971D)	*****		R281	1-249-431-11	CARBON 15K	5%
<CAPACITOR>				R282	1-249-425-11	CARBON 4.7K	5%
C1651	1-102-106-00	CERAMIC 100PF	10%	R283	1-249-435-11	CARBON 33K	5%
C1652	1-102-106-00	CERAMIC 100PF	10%	R284	1-249-435-11	CARBON 33K	5%
C1653	1-102-074-00	CERAMIC 0.001MF	10%	R285	1-249-417-11	CARBON 1K	5%
				R286	1-249-424-11	CARBON 3.9K	5%

K J3 J1

REF.NO.	PART NO.	DESCRIPTION			REMARK	REF.NO.	PART NO.	DESCRIPTION			REMARK
R287	1-249-433-11	CARBON	22K	5%	1/4W	C235	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
R288	1-216-357-00	METAL OXIDE	4.7	5%	1W	C236	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
R289	1-249-429-11	CARBON	10K	5%	1/4W	C237	1-124-902-00	ELECT	0.47MF	20%	50V
R290	1-247-897-11	CARBON	560K	5%	1/4W	C238	1-163-125-00	CERAMIC CHIP	220PF	5%	50V
*****						C239	1-126-103-11	ELECT	470MF	20%	16V
*1-642-924-11 J3 BOARD						C240	1-163-018-00	CERAMIC CHIP	0.0056MF	10%	50V
*****						C241	1-163-018-00	CERAMIC CHIP	0.0056MF	10%	50V
<CAPACITOR>						C242	1-163-033-00	CERAMIC CHIP	0.022MF		50V
C291	1-101-005-00	CERAMIC	0.022MF		50V	C243	1-163-033-00	CERAMIC CHIP	0.022MF		50V
<JACK>						C244	1-163-033-00	CERAMIC CHIP	0.022MF		50V
J3	*1-564-518-11	PLUG, CONNECTOR 3P				C245	1-163-033-00	CERAMIC CHIP	0.022MF		50V
<CONNECTOR>						C1401	1-124-907-11	ELECT	10MF	20%	50V
J3-1	1-537-339-11	TERMINAL BOARD				C1402	1-126-103-11	ELECT	470MF	20%	16V
<COIL>						C1403	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
L200	1-402-711-11	INDUCTOR, WIDEBAND				C1404	1-137-098-11	FILM	0.1MF	10%	100V
*****						C1405	1-163-029-11	CERAMIC CHIP	0.0047MF		50V
*A-1651-023-A J1 BOARD, COMPLETE (KV-C2571D)						C1406	1-137-098-11	FILM	0.1MF	10%	100V
*****						C1407	1-124-910-11	ELECT	47MF	20%	50V
*A-1651-038-A J1 BOARD, COMPLETE (KV-C2971D)						C1408	1-124-122-11	ELECT	100MF	20%	50V
*****						C1409	1-126-233-11	ELECT	22MF	20%	50V
<CAPACITOR>						C1410	1-124-907-11	ELECT	10MF	20%	50V
C203	1-124-925-11	ELECT	2.2MF	20%	50V	C1411	1-124-907-11	ELECT	10MF	20%	50V
C205	1-124-927-11	ELECT	4.7MF	20%	50V	C1412	1-124-910-11	ELECT	47MF	20%	50V
C206	1-124-925-11	ELECT	2.2MF	20%	50V	C1413	1-124-910-11	ELECT	47MF	20%	50V
C207	1-124-927-11	ELECT	4.7MF	20%	50V	C1414	1-124-907-11	ELECT	10MF	20%	50V
C213	1-126-233-11	ELECT	22MF	20%	50V	C1415	1-137-098-11	FILM	0.1MF	10%	100V
C214	1-137-045-11	FILM	0.0068MF	10%	400V	C1416	1-137-098-11	FILM	0.1MF	10%	100V
C217	1-137-045-11	FILM	0.0068MF	10%	400V	C1417	1-124-120-11	ELECT	220MF	20%	16V
C218	1-137-102-11	FILM	0.022MF	10%	250V	C1418	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C219	1-137-102-11	FILM	0.022MF	10%	250V	C1419	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C220	1-137-413-91	FILM	0.0033MF	10%	100V	C1425	1-124-902-00	ELECT	0.47MF	20%	50V
C221	1-137-413-91	FILM	0.0033MF	10%	100V	C1426	1-124-902-00	ELECT	0.47MF	20%	50V
C222	1-137-095-11	FILM	0.056MF	10%	100V	C1427	1-163-029-11	CERAMIC CHIP	0.0047MF		50V
C223	1-137-095-11	FILM	0.056MF	10%	100V	C1428	1-163-029-11	CERAMIC CHIP	0.0047MF		50V
C224	1-137-047-11	FILM	0.01MF	10%	400V	C1429	1-163-029-11	CERAMIC CHIP	0.0047MF		50V
C225	1-136-173-00	FILM	0.47MF	5%	50V	C1430	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C226	1-136-173-00	FILM	0.47MF	5%	50V	C1431	1-126-529-11	ELECT	0.47MF	20%	50V
C227	1-137-102-11	FILM	0.022MF	10%	250V	C1432	1-124-902-00	ELECT	0.47MF	20%	50V
C228	1-137-104-11	FILM	0.033MF	10%	250V	C1433	1-124-122-11	ELECT	100MF	20%	50V
C229	1-137-049-11	FILM	0.015MF	10%	400V	C1436	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C230	1-137-049-11	FILM	0.015MF	10%	400V	C1437	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C231	1-124-902-00	ELECT	0.47MF	20%	50V	C1438	1-137-047-11	FILM	0.01MF	10%	400V
C232	1-124-907-11	ELECT	10MF	20%	50V	C1439	1-137-047-11	FILM	0.01MF	10%	400V
C233	1-163-005-11	CERAMIC CHIP	470PF	10%	50V	C1440	1-124-907-11	ELECT	10MF	20%	50V
C234	1-163-005-11	CERAMIC CHIP	470PF	10%	50V	C1441	1-124-907-11	ELECT	10MF	20%	50V
*****						C1442	1-137-098-11	FILM	0.1MF	10%	100V
<CAPACITOR>						C1443	1-137-098-11	FILM	0.1MF	10%	100V
C203	1-124-925-11	ELECT	2.2MF	20%	50V	C1444	1-124-910-11	ELECT	47MF	20%	50V
C205	1-124-927-11	ELECT	4.7MF	20%	50V	C1445	1-102-824-00	CERAMIC	470PF	5%	50V
C206	1-124-925-11	ELECT	2.2MF	20%	50V	C1446	1-102-824-00	CERAMIC	470PF	5%	50V
C207	1-124-927-11	ELECT	4.7MF	20%	50V	C1501	1-124-927-11	ELECT	4.7MF	20%	50V
C213	1-126-233-11	ELECT	22MF	20%	50V	C1502	1-124-903-11	ELECT	1MF	20%	50V
C214	1-137-045-11	FILM	0.0068MF	10%	400V	C1503	1-137-410-91	FILM	0.001MF	10%	100V
C217	1-137-045-11	FILM	0.0068MF	10%	400V	C1504	1-124-910-11	ELECT	47MF	20%	50V
C218	1-137-102-11	FILM	0.022MF	10%	250V	C1505	1-137-094-11	FILM	0.047MF	10%	100V
C219	1-137-102-11	FILM	0.022MF	10%	250V	C1507	1-137-413-91	FILM	0.0033MF	10%	100V
C220	1-137-413-91	FILM	0.0033MF	10%	100V	C1508	1-124-903-11	ELECT	1MF	20%	50V
C221	1-137-413-91	FILM	0.0033MF	10%	100V	C1509	1-124-903-11	ELECT	1MF	20%	50V
C222	1-137-095-11	FILM	0.056MF	10%	100V	*****					
C223	1-137-095-11	FILM	0.056MF	10%	100V	<CONNECTOR>					
C224	1-137-047-11	FILM	0.01MF	10%	400V	CN1401	1-565-838-11	JACK BLOCK, PIN 2P			
C225	1-136-173-00	FILM	0.47MF	5%	50V	J1-41	*1-566-641-11	CONNECTOR, HINGE (TAB) 18P			
C226	1-136-173-00	FILM	0.47MF	5%	50V	J1-43	*1-564-524-11	PLUG, CONNECTOR 9P			
C227	1-137-102-11	FILM	0.022MF	10%	250V	J1-44	*1-564-527-11	PLUG, CONNECTOR 12P			
C228	1-137-104-11	FILM	0.033MF	10%	250V	J1-51	*1-566-641-11	CONNECTOR, HINGE (TAB) 18P			
C229	1-137-049-11	FILM	0.015MF	10%	400V	<DIODE>					
C230	1-137-049-11	FILM	0.015MF	10%	400V	D201	8-719-110-14	DIODE RD9.1ES-B3			
C231	1-124-902-00	ELECT	0.47MF	20%	50V	D202	8-719-110-14	DIODE RD9.1ES-B3			
C232	1-124-907-11	ELECT	10MF	20%	50V	D1401	8-719-110-03	DIODE RD7.5ES-B2			
C233	1-163-005-11	CERAMIC CHIP	470PF	10%	50V	D1403	8-719-110-03	DIODE RD7.5ES-B2			
C234	1-163-005-11	CERAMIC CHIP	470PF	10%	50V	D1404	8-719-110-03	DIODE RD7.5ES-B2			
*****						<IC>					
<CAPACITOR>						IC201	8-759-013-17	IC TDA6200			
C203	1-124-925-11	ELECT	2.2MF	20%	50V	IC1401	8-752-053-17	IC CXA1114P			
C205	1-124-927-11	ELECT	4.7MF	20%	50V	IC1402	8-759-946-32	IC TEA2014A			
C206	1-124-925-11	ELECT	2.2MF	20%	50V	IC1501	8-759-942-16	IC TEA2031A			
C207	1-124-927-11	ELECT	4.7MF	20%	50V	<JACK>					
C213	1-126-233-11	ELECT	22MF	20%	50V	J1402	1-561-534-41	SOCKET 21P			
C214	1-137-045-11	FILM	0.0068MF	10%	400V	J1403	1-561-534-41	SOCKET 21P			
C217	1-137-045-11	FILM	0.0068MF	10%	400V	*****					
C218	1-137-102-11	FILM	0.022MF	10%	250V	<TRANSISTOR>					
C219	1-137-102-11	FILM	0.022MF	10%	250V	Q201	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
C220	1-137-413-91	FILM	0.0033MF	10%	100V	Q202	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
C221	1-137-413-91	FILM	0.0033MF	10%	100V	Q1401	8-729-216-22	TRANSISTOR 2SA1162-G			
C222	1-137-095-11	FILM	0.056MF	10%	100V	Q1402	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
C223	1-137-095-11	FILM	0.056MF	10%	100V	Q1403	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
C224	1-137-047-11	FILM	0.01MF	10%	400V	Q1404	8-729-216-22	TRANSISTOR 2SA1162-G			
C225	1-136-173-00	FILM	0.47MF	5%	50V	<RESISTOR>					
C226	1-136-173-00	FILM	0.47MF	5%	50V	R201	1-216-079-00	METAL GLAZE 18K 5% 1/10W			
C227	1-137-102-11	FILM	0.022MF	10%	250V	R202	1-216-206-00	METAL GLAZE 2.2K 5% 1/8W			
C228	1-137-104-11	FILM	0.033MF	10%	250V	R203	1-216-075-00	METAL GLAZE 12K 5% 1/10W			
C229	1-137-049-11	FILM	0.015MF	10%	400V	R204	1-216-085-00	METAL GLAZE 33K 5% 1/10W			
C230	1-137-049-11	FILM	0.015MF	10%	400V	*****					
C231	1-124-902-00	ELECT	0.47MF	20%	50V	<CAPACITOR>					
C232	1-124-907-11	ELECT	10MF	20%	50V	C203	1-124-925-11	ELECT	2.2MF	20%	50V
C233	1-163-005-11	CERAMIC CHIP	470PF	10%	50V	C205	1-124-927-11	ELECT	4.7MF	20%	50V
C234	1-163-005-11	CERAMIC CHIP	470PF	10%	50V	C206	1-124-925-11	ELECT	2.2MF	20%	50V
*****						C207	1-124-927-11	ELECT	4.7MF	20%	50V
<CAPACITOR>						C213	1-126-233-11	ELECT	22MF	20%	50V
C203	1-124-925-11	ELECT	2.2MF	20%	50V	C214	1-137-045-11	FILM	0.0068MF	10%	400V
C205	1-124-927-11	ELECT	4.7MF	20%	50V	C217	1-137-045-11	FILM	0.0068MF	10%	400V
C206	1-124-925-11	ELECT	2.2MF	20%	50V	C218	1-137-102-11	FILM	0.022MF	10%	250V
C207	1-124-927-11	ELECT	4.7MF	20%	50V	C219	1-137-102-11	FILM	0.022MF	10%	250V
C213	1-126-233-11	ELECT	22MF	20%	50V	C220	1-137-413-91	FILM	0.0033MF	10%	100V
C214	1-137-045-11	FILM	0.0068MF	10%	400V	C221	1-137-413-91	FILM	0.0033MF	10%	100V
C217	1-137-045-11	FILM	0.0068MF	10%	400V	C222	1-137-095-11	FILM	0.056MF	10%	100V
C218	1-137-102-11	FILM	0.022MF	10%	250V	C223	1-				

REF. NO. PART NO.	DESCRIPTION	REMARK
ACCESSORIES AND PACKING MATERIALS *****		
<KV-C2571D>		
A-1678-037-A	BOX ASSY, WOOFER	
4-200-974-11	MANUAL, INSTRUCTION (GERMAN/ENGLISH/ FRENCH/DUTCH/ITALIAN/PORTUGUESE)	
*4-202-040-01	INDIVIDUAL CARTON	
*4-202-042-01	CUSHION (LOWER) (ASSY)	
*4-396-065-01	BAG, PROTECTION	
<KV-C2971D>		
A-1678-053-A	BOX ASSY, WOOFER	
4-200-973-11	MANUAL, INSTRUCTION (GERMAN/ENGLISH/ FRENCH/DUTCH/ITALIAN)	
*4-202-005-01	INDIVIDUAL CARTON	
*4-202-009-01	CUSHION (BOTTOM)	
*4-384-027-01	BAG, PROTECTION	
REMOTE COMMANDER		
1-465-796-11	CONTROL UNIT, REMOTE (RM-816)	
4-031-670-01	COVER, POCKET (FOR RM-816)	